DEPARTMENT OF WATER RESOURCES 1416 NINTH STREET, P.O. BOX 942836 SACRAMENTO, CA 94236-0001 (916) 653-5791



August 24, 2015

Mr. Michael Jewell Chief, Regulatory Branch U.S. Army Corps of Engineers Sacramento District 1325 J Street Sacramento, California 95814

Dear Mr. Jewell:

Pursuant to Section 404 of the Clean Water Act (CWA) (33 U.S.C. 1344) and Section 10 of the Rivers and Harbors Act (33 U.S.C. 403), the California Department of Water Resources (DWR) submits the attached application to the U.S. Army Corps of Engineers (Corps) for a Department of the Army individual permit (33 C.F.R 325) to allow for the implementation of key components of the State's California WaterFix program. Specifically, DWR is seeking authorizations from the Corps necessary for the construction and operation of new water conveyance facilities that will be part of the State Water Project (SWP) and operated in coordination with the U.S. Bureau of Reclamation's (Reclamation's) operation of the Central Valley Project (CVP). The California WaterFix is a critical element of a broader State effort to meet the goals of providing for a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem.

Background

The proposed project reflects the culmination of a multiyear planning process that began in 2006 between DWR, the California Natural Resources Agency, Reclamation, public water agencies, State and federal fish and wildlife agencies, non-governmental organizations, agricultural interests, and the public. The planning process, which was called the Bay Delta Conservation Plan (BDCP) program, was initiated in response to the increasingly significant and escalating conflict between the needs of a range of atrisk Delta species and natural communities adversely affected by a wide range of human activities and the need for more reliable water supplies in California for communities, agriculture, and industry.

Nearly ten years later, the ecological health of the Delta continues to be at risk, and the conflicts between species protection and Delta water exports have become more pronounced, as evidenced by years of litigation regarding the intersection of endangered species laws and the operational criteria of the SWP and CVP. Other factors, such as the continuing subsidence of lands within the Delta, increasing seismic risks and levee vulnerabilities, and rising sea levels caused by climate change, have served to further exacerbate these conflicts. The actions proposed by DWR in this permit application, which are referred to as the California WaterFix, would bring about fundamental, systemic change to the current system, putting the State on a course to

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"[a]chieve the two coequal goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem." (California Public Resources Code Section 29702, subd. [a]).

Proposed Conveyance Facilities

The new SWP water conveyance facilities proposed under the California WaterFix and reflected in DWR's application would introduce new operational flexibility into the SWP and CVP, enabling SWP or CVP water to be diverted from the Sacramento River in the north Delta and conveyed to the south Delta or to be directly diverted in the south Delta at existing SWP and CVP facilities. Water would be diverted through one of three new fish-screened intakes located on the east bank of the Sacramento River between Clarksburg and Courtland. These intakes, each with a capacity of 3,000 cfs, would be situated on the river bank and would range from 1,259 to 1,667 feet in length. The intakes would consist of a reinforced concrete structure subdivided into individual bays that would be isolated from each other and operated independently. Two tunnels would be constructed to convey water by gravity from the intake facilities to the south Delta where it would flow into the north cell of a redesigned Clifton Court Forebay. This redesign of the forebay would allow for water flowing from the north Delta facilities to be isolated from water entering Clifton Court Forebay from the south Delta.

Ecological and Water Supply Benefits

The proposed project would result in substantially improved conditions in the Delta for endangered and threatened species and afford greater water supply reliability for the State. With respect to at-risk species, the new conveyance facilities would provide the following benefits:

- Increased operational flexibility for the SWP/CVP through a "dual conveyance" system that allows water managers to shift between intakes to minimize entrainment of at-risk fish species
- Reduction in reverse Old and Middle River flows through adjustments to water operations to better reflect natural seasonal flow patterns
- Siting of new diversions in areas outside of the primary habitat for Delta Smelt and Longfin Smelt
- Integration of state-of-the-art fish screens at each intake to minimize entrainment

The proposed project would also advance the State's water supply goals by:

• Upgrading the SWP/CVP water conveyance system in a manner that improves the ability to capture water during wet years

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- Protecting against water supply disruptions associated with catastrophic system failures caused by earthquakes or failed levees
- Protecting against water supply disruptions associated with sea level rise caused by climate change

Based on the foregoing benefits, the implementation of the California WaterFix would represent an important step forward in the State's efforts to resolve the longstanding conflicts within the Delta.

Consistency with Requirements of CWA Section 404 and RHA Section 10

DWR believes that the attached application is complete and consistent with the regulatory requirements of CWA Section 404 and RHA Section 10. As set out in the application, DWR has designed the proposed project to avoid impacts to waters of the United States to the maximum extent practicable and has developed measures to minimize any unavoidable impacts. DWR will submit a plan to the Corps that sets out an approach to mitigating for any unavoidable impacts to waters, including an assessment of the functions and values that will be provided by such mitigation to meet the "no net loss" goal established by the Corps and the Environmental Protection Agency. DWR will also submit to the Corps an analysis of alternatives to the proposed project to assist the Corps in its determination that the Section 404 Guidelines have been met.

National Environmental Policy Act (NEPA) Environmental Review

As you know, DWR and Reclamation recently released for public review and comment the *BDCP/California WaterFix Partially Recirculated Draft Environmental Impact Report / Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS).* The comment period is scheduled to end on October 30, 2015. It is DWR and Reclamation's expectation that the final EIR/EIS will be sufficiently comprehensive to satisfy the Corps' environmental review responsibilities under NEPA regarding the issuance of permits pursuant to this application. We understand that the Corps intends to issue a Public Notice of the application to coincide with the public review period on the RDEIR/SDEIS.

DWR has provided the following supporting documents to Zach Simmons, Corps point of contact for this project, in both hard copy and digital format:

- TAB A Form 4345, Application for Department of the Army Permit
- TAB B Continuation sheet for Form 4345
- TAB C Table of impacts

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- TAB D Map book showing impacts
- TAB E Figures
 - Fig 1 ES1 from project Conceptual Engineering Report
 - Fig 2 3-1 from project Conceptual Engineering Report
- TAB F Project Conceptual Engineering Report (on disk)

DWR looks forward to continuing to work with the Corps as it develops further documentation to support this application and comply with the regulatory requirements of CWA Section 404 and RHA Section 10. We appreciate the effort that the Corps has invested in the BDCP/California WaterFix programs and we look forward to successful completion of this critical endeavor.

If you have any questions regarding the accompanying permit application, please contact Michael Bradbury, California WaterFix Permit Manager, at 916-651-2987 or <u>mike.bradbury@water.ca.gov</u>.

Sincerely,

C En

Cassandra Enos Program Manager BDCP/California WaterFix

cc. Zachary Simmons, USACE

Attachments

U.S. ARMY CORPS OF ENGINEERS APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT 33 CFR 325. The proponent agency is CECW-CO-R.

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)				
1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED		4. DATE APPLICATION COMPLETE
	(ITEMS BELOW TO BE	FILLED BY APPLICANT)	
5. APPLICANT'S NAME		8. AUTHORIZED AGEN	IT'S NAME A	ND TITLE (agent is not required)
First - Michael Middle -	Last - Bradbury	First - Karen	Middle -	Last - Shaffer
Company - Department of Water R	Resources	Company - Gibson & Skordal, LLC		
E-mail Address - mike.bradbury@w	ater.ca.gov	E-mail Address - kshaffer@gibsonandskordal.com		
6. APPLICANT'S ADDRESS:		9. AGENT'S ADDRESS	:	
Address- 901 P Street, Suite 411b		Address- 2617 K Stre	eet, Suite 17	5
City - Sacramento State - C.	A Zip - 95814 Country - USA	City - Sacramento	State - (CA Zip - 95816 Country - USA
7. APPLICANT'S PHONE NOs. w/AR	EA CODE	10. AGENTS PHONE NOs. w/AREA CODE		
a. Residence b. Business	c. Fax	a. Residence	b. Busines	s c. Fax
916-651-29	987		916-822-3	3230 916-822-3231
	STATEMENT OF	AUTHORIZATION		
11. I hereby authorize, Karen	Shaffer to act in my behalf as	my agent in the processi	ng of this app	lication and to furnish, upon request,
	SIGNATURE OF APPLIC	CANT D.	ATE	
NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY				
12. PROJECT NAME OR TITLE (see instructions)				
California WaterFix				
13. NAME OF WATERBODY, IF KNOWN (if applicable)		14. PROJECT STREET ADDRESS (if applicable)		
Sacramento/San Joaquin Delta (see Continuation Sheet)		Address N.A.		
15. LOCATION OF PROJECT		City -	St	tate- Zip-
Latitude: •N See Continuation Sheet Longitude: •W				
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID. See Continuation Sheet Municipality				
State Tax Farcer D See Continuation Sheet Municipality		Rance -		
100	- קוופווא	range -		

18. Nature of Activity (Description of project, include all features) The construction and operation of the California WaterFix water conveyance project and the associated habitat creation, restoration and enhancement.

See Continuation Sheet for project details, including details on each of the project components, and construction timing.

19. Project Purpose (Describe the reason or purpose of the project, see instructions) See Continuation Sheet for detail of the reason for the project.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

Туре

Amount in Cubic Yards

20. Reason(s) for Discharge

Discharge of fill material into waters of the United States is required to construct various components of the proposed project.

Amount in Cubic Yards

See Continuation Sheet for details.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards: Type Type

Amount in Cubic Yards

c Yards

See Continuation Sheet.

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres See Continuation Sheet.

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions) See Continuation Sheet.

24. Is Any Portion of the Work Already Complete? Yes KNo IF YES, DESCRIBE THE COMPLETED WORK					
25. Addresses of Adjoir	ning Property Owners, Lessee	es, Etc., Whose Property Ad	ljoins the Waterbody (if more	than can be entered here, please	attach a supplemental list).
a. Address- See Conti	nuation Sheet.				
City -		State -	Zip -		
b. Address-					
City -		State -	Zip -		
c. Address-					
City -		State -	Zip -		
d. Address-					
City -		State -	Zip -		
e. Address-					
City -		State -	Zip -		
26. List of Other Certific	ates or Approvals/Denials rec	eived from other Federal, S IDENTIFICATION	State, or Local Agencies for	Work Described in This A	pplication.
AGENCY	TYPE APPROVAL*	NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
USFWS	Continuation Sheet				
NMFS					
SRWCB					
CDFWS					
* Would include but is no	ot restricted to zoning, building	g, and flood plain permits			
27. Application is hereby complete and accurate. applicant.	y made for permit or permits t I further certify that I possess	o authorize the work descri the authority to undertake	bed in this application. I ce the work described herein	ertify that this information in or am acting as the duly a	n this application is uthorized agent of the
SIGNATURE		DATE	SIGNATO	JRE OF AGENT	DATE
The Application must authorized agent if the	be signed by the person w e statement in block 11 has	ho desires to undertake s been filled out and sigr	the proposed activity (a ned.	applicant) or it may be s	igned by a duly
18 U.S.C. Section 100 knowingly and willfully fraudulent statements fraudulent statements	01 provides that: Whoever, / falsifies, conceals, or cov or representations or mak or entry, shall be fined no	, in any manner within th ers up any trick, scheme es or uses any false wri t more than \$10,000 or i	e jurisdiction of any dep e, or disguises a materia ting or document knowin mprisoned not more tha	partment or agency of th al fact or makes any fals ng same to contain any an five years or both.	e United States e, fictitious or false, fictitious or

A. Background

In October 2006, various state and federal agencies, water contractors, and other stakeholders initiated a process to develop the Bay Delta Conservation Plan (BDCP) to advance the planning goal of restoring ecological functions to the Delta and improving water supply reliability in the State of California. In July 2012, Governor Edmund G. Brown, Jr. and United States Secretary of the Interior Ken Salazar reaffirmed both the State and federal commitment to the BDCP as a comprehensive solution to achieve the dual goals of a reliable water supply for California and a healthy California Bay Delta ecosystem that supports the State's economy.

In December 2013, after several years of preparation, DWR, Reclamation, USFWS, and NMFS, acting as joint Lead Agencies, published a draft of the BDCP and an associated Draft Environmental Impact Report/Environmental Impact Statement (Draft EIR/EIS). The Draft EIR/EIS analyzed a total of 15 action alternatives, including Alternative 4, which was identified as DWR's preferred alternative. The 14 other action alternatives varied from Alternative 4 with respect to such factors as the number of proposed North Delta intakes, the types of conveyance facilities (e.g., surface canals versus underground pipelines), operational rules, and amounts of proposed habitat restoration.

Alternative 4 included three new intakes located in the North Delta and two parallel underground pipelines which would convey diverted water to the existing export facilities in the South Delta. The proposed operations for Alternative 4 reflected the outcome of many years of collaboration between DWR, Reclamation, the water contractors, USFWS, NMFS, and CDFW. By July 2014, at the end of the public review period, the Lead Agencies had received comments on the proposed BDCP from other agencies and members of the public. Many of these comments suggested improvements that could be made to the proposed project (i.e., Alternative 4, the BDCP). For example, some of the comments urged that the Lead Agencies reduce the level and scope of the construction activities, such as number of intakes, as means of reducing air quality and noise impacts. Other comments noted that Alternative 4 contemplated intensive construction activity on Staten Island, which is important wintering habitat for the Greater Sandhill Crane. Many commenters argued that, because the proposed project would lead to significant, unavoidable water quality effects, DWR could not obtain various approvals needed for the project to succeed (e.g., approval by the State Water Resources Control Board for new points of diversion for the north Delta intakes). Others suggested that DWR should pursue a permit with a term shorter than 50 years due to the level of uncertainty regarding both the future effects of climate change and the long-term effectiveness of habitat restoration in restoring fish populations. Still other comments suggested that the proposed conveyance facilities should be separated from the habitat restoration components of the BDCP, with the latter to be pursued separately.

Taking this public and agency input into account, the Lead Agencies substantially modified Alternative 4 and formulated three new sub-alternatives (2D, 4A, 5A). These sub-alternatives assume that incidental take authorizations would be issued for shorter durations than 50 years and propose habitat mitigation and restoration commensurate with impacts of the water conveyance facilities. Other important changes include: (i) the elimination of three pumping plants associated with new intake facilities; (ii) associated reductions in construction-related air pollutant emissions at intake sites; (iii) substantial reductions in the amount of construction occurring on Staten Island; and (iv) reductions in water quality effects.

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The proposed project (Alternative 4A), as well as two other sub-alternatives (2D, and 5A), were developed by the Lead Agencies to embody a different implementation strategy, in which State and federal endangered species incidental take authorizations would not be obtained through Section 10 of the Endangered Species Act (ESA) or through the Natural Community Conservation Planning Act (NCCPA), but rather through Section 7 of the ESA and Section 2081(b) of the California Endangered Species Act (CESA). These new sub-alternatives consist of the construction and operation of new north Delta intakes and habitat restoration actions necessary to address the effects associated with the new facilities. This alternative implementation strategy contemplates that other State and federal programs will address broader habitat restoration goals identified for species recovery. Alternative 4A, which is known as "The California WaterFix" is identified as DWR and Reclamation's preferred alternative in the Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) released for public comment in July 2015.

The construction and operation of new conveyance facilities would help resolve many of the concerns with the current south Delta conveyance system, including reducing impacts to endangered and threatened species in the Delta through operational changes to the SWP and CVP and state of the art fish screens to reduce entrainment. Implementing a dual conveyance system, in which water could be diverted from either the north or the south or both, depending on the needs of aquatic organisms, would align water operations to better reflect natural seasonal and east-west flow patterns. The new system is designed to reduce the impacts that occur through sole reliance on the southern diversion facilities and to allow for greater operational flexibility to enhance fish protection. The new conveyance facilities would also help protect critical water supplies against the threats of sea level rise and earthquakes.

Although Alternatives 4A, 2D, and 5A include only those habitat restoration measures necessary to mitigate for the effects of the new conveyance facilities, habitat restoration is still recognized as a critical component of the State's long-term plans for the Delta. Such larger endeavors, however, will likely be implemented over time under actions separate and apart from the proposed project. The primary habitat restoration program is called California EcoRestore (EcoRestore), which will be overseen by the California Natural Resources Agency and implemented under the California Water Action Plan. Under EcoRestore, the State will pursue restoration of more than 30,000 acres of fish and wildlife habitat by 2020.

B. Design Overview

The proposed project consists of the construction and operation of a dual-conveyance water delivery system that would modernize the hub of California's aging water supply system in a way that balances the needs of the Delta ecosystem and California's water supplies. The design of the new facilities has evolved over the years, due primarily to additional engineering analyses, environmental considerations, landowner concerns, and public comment. The original concept was the All Tunnel Option (ATO), which relied primarily on tunnels to convey the water through the Delta. The next concept was the Pipeline Tunnel Option (PTO), which included a combination of pipelines and tunnels. The third concept was the Modified Pipeline Tunnel Option (MPTO), which made significant changes to the earlier concepts, including reducing the number of intakes, increasing the size of the tunnels in the gravity-feed portion of the system, decreasing the size of the intermediate forebay, and eliminating an intermediate pumping plant.

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The conveyance facility alignment in the proposed project (Alternative 4A) is identified as the "Dual Conveyance Facility Modified Pipeline/Tunnel Option – Clifton Court Forebay Pumping Plant Option," or "MPTO/CCO" in DWR's Conceptual Engineering Report which analyzes the project. This latest configuration optimizes the earlier MPTO design concept to better utilize the Clifton Court Forebay. Changes to the conveyance facilities resulting from the optimization in alignment and features, include the following:

- Larger north tunnels for gravity feed system;
- Reduction of the internal hydrostatic head within the tunnel system;
- Optimized intermediate forebay;
- Relocation of RTM sites off of Staten Island
- Consolidated pumping plant at Clifton Court Forebay (CCF);
- Modification to the CCF; and
- Elimination of the pumping plants at the intakes.

The proposed project also includes the installation of a permanent barrier at the Head of Old River (HORB) to ensure fish remain in the San Joaquin River, rather than enter the South Delta through Old River.

Based on the construction schedule, DWR will seek CWA Section 404 and RHA Section 10 authorizations in phases. It is understood that the components of the project which will require 408 authorization cannot be approved under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act until the 408 authorization is obtained. Based on current information, DWR expects to seek permits pursuant to the following phases :

- Phase 1 Construction of the Pumping Plant at Clifton Court Forebay
- Phase 2 Construction of the North Tunnels, Intermediate Forebay, and Dual Main Tunnels; Disposal of Tunnel Material; CCF Dredging; and the modification of the existing CCF to create two forebays
- Phase 3 Construction of the Intakes and Head of Old River Barrier

C. Additional Application Form 4345 Data

The following information is provided as a supplement to **ENG FORM 4345** and is provided in the same order in which information is requested on the form.

Block 13. NAME OF WATERBODY

The proposed project is located in the Sacramento/San Joaquin Delta and crosses several waterways and wetland features within the Delta. A comprehensive list of each waterbody/wetland affected by the proposed project can be found at **TAB C, Table of Impacts**, and **TAB D, Map Book of Impacts**. Named waterbodies include Italian Slough, Old River, West Canal, San Joaquin River, North Victoria Canal, Potato Slough, Connection Slough, Middle River, Snodgrass Slough, and the Sacramento River.

California WaterFix

Clean Water Act Section 404 Application Continuation Sheet for ENG FORM 4345

Block 15. LOCATION OF PROJECT

The location of the proposed project is shown on **Figure 1** of **TAB E, Project Figures**. The northern most component of the project is located at approximate Latitude 38.42° North and Longitude 121.51° West, while the southern-most component is located at approximate Latitude 37.80° North and Longitude 121.58° West. The location of each waterway and wetland crossing is included on the Table of Impacts at TAB C.

Block 16. OTHER LOCATION DESCRIPTIONS

The components of the proposed project are located within Sacramento, San Joaquin, Contra Costa and Alameda Counties.

Block 17. DIRECTIONS TO THE SITE

Portions of the proposed project work area can be accessed by public roads such as State Route 160, Highway 12, and Highway 4; but much of the project area is currently accessible only by private roadway. See the figures at TAB E for locational information.

Block 18. NATURE OF ACTIVITY

The proposed project will include the following:

- Three Intake Facilities along the Sacramento River in the north Delta with fish-screened on-bank intake structures.
- Two gravity-flow water conveyance tunnels (North Tunnels) that connect the intakes to an Intermediate Forebay.
- The Intermediate Forebay (IF) which receives water from the North Tunnels, equalizes pressure, and passes the water to the dual gravity-flow Main Tunnels.
- Dual Main Tunnels connecting the IF to Clifton Court Forebay (CCF).
- A Pumping Plant located at the northeast corner of CCF.
- Eleven disposal sites for tunnel material excavated from the North Tunnels and Dual Main Tunnels.
- Division of CCF into two parts: North Clifton Court Forebay (NCCF) and South Clifton Court Forebay (SCCF).
- A permanent operational barrier at the Head of Old River.

The water conveyance facilities included in the proposed project assume the following:

- The MPTO/CCO delivers up to 9,000 cubic feet per second (cfs) from the Sacramento River in the north Delta to the south Delta export pumping plants.
- The proposed project is engineered to:
 - o Transport water through conveyance facilities isolated from existing rivers and sloughs.
 - Divert water from the Sacramento River through fish-screened intakes.
 - Deliver water to the SWP and CVP export pumping plants' intake channels downstream of their respective fish collection facilities.
- Withstand a 200-year flood event taking into account the sea level rise (SLR) predicted from climate change.

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California WaterFix

Clean Water Act Section 404 Application Continuation Sheet for ENG FORM 4345

• Use gravitational flow through the Main Tunnels.

The physical characteristics of each of the proposed project's components are described below.

<u>Intakes</u>

The three Intake Facilities (Intakes No. 2, 3, and 5) will each have a capacity of 3,000 cfs as proposed by DWR and a team of experts, including State and federal fish agency biologists, called the Fish Facilities Technical Team (FFTT). The Intake Facilities are proposed for sites along the Sacramento River which were selected in coordination with the FFTT. Intake numbering is consistent with the earlier Pipeline/Tunnel Option (PTO) CER numbering system.

Each Intake Facility will consist of the following:

- A fish-screened intake structure that employs state-of-the-art on-bank fish screens.
- Twelve large gravity collector box conduits that will extend through the levee to convey flow to the sedimentation system.
- A sedimentation system consisting of gravity settling basin to capture sand-sized sediment and a drying lagoon for sediment drying and disposal.

Water will pass through baffled fish screens and flow under the modified levee and rerouted Highway 160 through gated box conduits. Water will exit the box conduits into one of two sediment basins, then flow through an afterbay to the discharge shaft that leads to the tunnel system. Electric power will be supplied through a substation with transformers and switching equipment that will be located at each site.

North and Main Tunnel Alignments

The proposed conveyance tunnels consist of the North Tunnels, which consist of three separate tunnel reaches totaling approximately 14 miles that connect the three Intake Facilities to the IF, and two parallel Main Tunnels to the NCCF, each approximately 30 miles long. The North Tunnels are two single-bore 28-foot and one single-bore 40-foot inside diameter (ID) tunnels. The Main Tunnels are twin-bore 40-foot inside diameter tunnels. The inlets and outlets would be equipped with isolation structures to allow the tunnels to be dewatered, maintained, and inspected.

As part of the construction of the tunnels, five temporary barge landings would be constructed at locations adjacent to construction work areas for the delivery of construction materials. Each of the five proposed barge landings would include in-water and over-water structures, such as piling dolphins, docks, ramps, and possibly conveyors for loading and unloading materials; and vehicles and other machinery. Construction of the five barge landings would involve piles at each landing.

Disposal of Tunnel Material

The material excavated from both the North Tunnels and the Dual Main Tunnels will be disposed of near the tunnel boring machines' launch shafts. Proximity to the tunnel shafts is required to reduce truck traffic associated with the transport the material to a remote disposal site. There are currently 11 disposal sites identified, and excavated tunnel material will be transported to spoil sites a maximum of 16,000 feet from launch shafts, primarily by conveyor. The daily volume of tunnel material withdrawn

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from the tunneling operations at any one shaft location would vary, with an average volume of approximately 6,000 cubic yards per day. Transport of the material to the RTM storage sites would be nearly continuous during mining or advancement of the TBM. The material would be carried on a conveyor belt from the tunnel boring machines to the base of the launching shaft and then to a work area. The material would be segregated for transport to treatment area as appropriate. The material would be stacked to a height of between six and 15 feet, depending on storage location. If feasible, the tunnel material will be reused during the construction of various habitat restoration and creation efforts within the Delta.

Intermediate Forebay

The proposed Intermediate Forebay (IF) would be located on the Glanville Tract, east of the Pearson District and west of Interstate 5. The IF serves as an atmospheric break in the system from the inlet to the dual Main Tunnels. This break in the system allows the flows from each Intake to merge and be distributed equally to each barrel of the Main Tunnels, improving operational stability in the Clifton Court pumping plant, and allowing for independent operation of each of the North Tunnels and the Main Tunnels. The IF would have no regulating gates controlling gravitational flow to the Main Tunnels; therefore, no daily operational storage would be necessary at IF beyond that necessary to accommodate water surface changes at the downstream NCCF. The IF would have a bottom elevation of -20 feet and would be 28 acres in size. The sizing of the facility reflects the smallest practicable area that would accommodate construction of the inlet and outlet structures and provide sufficient reduction in velocity to capture sand-sized sediment not otherwise captured at the Intake Facilities.

Clifton Court Forebay

The Clifton Court Forebay (CCF), which has a water surface area of approximately 2215 acres, will be expanded by approximately 590 acres to the southeast of the existing forebay to create a new overall footprint of approximately 2805 acres. The existing CCF will be dredged, and the expansion area excavated, to design depths of -8 feet for the north cell (the NCCF) and -10 feet for the south cell (the SCCF). A new embankment would be constructed around the perimeter of the forebay, and coffer dam would divide the forebay into two sections, the NCCF and the SCCF; the new forebay sections would have a surface area of 822 acres and 1756 acres, respectively. Water from the Dual Main Tunnels would be pulled from the tunnels' terminus by the Clifton Court Pumping Plant at the northeastern end of the NCCF, south of Victoria Island, and enter the NCCF. Water flow from the tunnels into the NCCF by gravity only would be feasible when the Sacramento River is at exceptionally high stages.

The NCCF provides the daily operational storage required to equalize and balance differences between the south Delta inflow and water exported by the SWP and CVP pumps. Preliminary calculations indicate an operational storage capacity range of approximately 4,300 to 10,200 acre-feet (AF), with an approximate water storage surface area of 822 acres, depending on depth. Constraints on the exporting pumping plants fixed a normal forebay operating range of 7.0 feet (elevation +0.50 to +7.5 feet). This operating range would allow for approximately 4,300 AF of potential active storage in the NCCF. Additional operating storage up to 10,200 AF may be obtained by operating NCCF at a range of up to 9.0 feet, which would be within the efficient operating range of both NCCF and the export pumping plants.

The SCCF has been designed to be hydraulically dependent on Delta waterways and to be operated under the same criteria as the existing CCF. The SCCF would incorporate part of Byron Tract located on

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the south side of the existing CCF. The SCCF would draw its supply from the West Canal using intake gates and would provide flow to Banks PP. SCCF would have an approximate water storage surface area of 1756 acres at maximum water elevation. Constraints on the exporting pumping plants limit the normal operating range to 7.0 feet (elevation +1.1 to +8.1 feet). This operating range would allow for approximately 14,000 AF of potential active storage in SCCF. Additional operating storage could be created with increase to the existing operating range.

An emergency spillway would be constructed in the NCCF east side embankment, south of the CCPP fill pad. The spillway has been sized to carry emergency overflow (9,000 cfs, the maximum inflow) to the Old River, so a containment area is not necessary. The shallow foundation beneath this existing structure requires improvements to prevent strength loss and seismic settlement. The ground improvement would be to elevation -50.0 feet within the footprint of the structure and beyond the structure by a distance of approximately 25 feet. The work would be performed within the sheet pile installed for embankment filling.

Head of Old River Barrier

The proposed project includes the construction of a barrier at the Head of Old River, which would consist of fish and flow control gates as well as a small boat lock to allow recreational boat passage during operation of the gates. The barrier gates would be operated from October 1 through June 15 each year. From June 16 through September 30, the gates would be open.

Additional information and figures regarding the engineering details of the proposed project can be found on the compact disk at **TAB F, Conceptual Engineering Report**, Modified Pipeline/Tunnel Option – Clifton Court Forebay Pumping Plant, Volume 1, dated April 1, 2015.

Block 19. PROJECT PURPOSE

Consistent with the information requested on FORM 4345, this section sets out the purpose and need for the proposed project. Applicant will submit a separate Basic and Overall Project Purpose Statement as part of the analysis of alternatives it conducts to assist the Corps in making determinations pursuant to the Section 404(b)(1) Guidelines.

One of the primary challenges facing California is how to comprehensively address the increasingly significant and escalating conflict between the ecological needs of a range of at-risk Delta species and natural communities that have been and continue to be adversely affected by a wide range of human activities, while providing for more reliable water supplies for people, communities, agriculture, and industry.

This challenge must be addressed, in decisions made by DWR, CDFW, and the State Water Resources Control Board (State Water Board), as they endeavor to strike a reasonable balance between these competing public policy objectives and various actions taken within the Delta, including the proposed project. State policy regarding the Delta is summarized in the Sacramento–San Joaquin Delta Reform Act of 2009, which states:

"it is the intent of the Legislature to provide for the sustainable management of the Sacramento-San Joaquin Delta ecosystem, to provide for a more reliable water supply for the state, to protect and enhance the quality of water supply from the Delta, and to establish a governance structure that will direct efforts across state agencies to develop a legally enforceable Delta Plan." (California Water Code, Section 85001, subd. [c]).

The Delta "serves Californians concurrently as both the hub of the California water system and the most valuable estuary and wetland ecosystem on the west coast of North and South America." (California Water Code, Section 85002).

The ecological health of the Delta continues to be at risk, and the conflicts between species protection and Delta water exports have become more pronounced. Other factors, such as the continuing subsidence of lands within the Delta, increasing seismic risks and levee failures, and sea level rise associated with climate change, serve to further exacerbate these conflicts. Simply put, the overall system as it is currently designed and operated does not appear to be sustainable from an environmental perspective, and so a proposal to implement a fundamental, systemic change to the current system is necessary. This change is necessary if California is to "[a]chieve the two coequal goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem." (California Public Resources Code Section 29702, subd. [a]).

This section presents the Lead Agencies' Project Objectives, which are required by the State CEQA Guidelines, and the Purpose and Need Statement, which is required by the CEQ NEPA Regulations.

Purpose and Need

Just as CEQA requires an EIR to include a statement of "project objectives" as described above, NEPA requires that an EIS include a statement of "purpose and need" to which the federal agency is responding in proposing the alternatives, including the proposed action (40 CFR 1502.13). This purpose statement of the proposed action and project need described below, are consistent with the above project objectives in Section 1.1.4.1.

Purpose Statement

The purposes of the proposed actions are to achieve the following:

- 1. Construction and operation of facilities and/or improvements for the movement of water entering the Delta from the Sacramento Valley watershed to the existing SWP and CVP pumping plants located in the southern Delta.
- 2. Operation of the existing and potential new SWP facilities and existing CVP Delta facilities.
- 3. The activities described in 1) and 2) occurring in a manner that minimizes or avoids adverse effects to listed species, and allows for the protection, restoration and enhancement of aquatic, riparian and associated terrestrial natural communities and ecosystems.
- 4. Restore and protect the ability of the SWP and CVP to deliver up to full contract amounts, when hydrologic conditions result in the availability of sufficient water, consistent with the requirements of state and federal law and the terms and conditions of water delivery contracts held by SWP

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contractors and certain members of San Luis Delta Mendota Water Authority, and other existing applicable agreements.

The above Purpose statement reflects the intent to advance the coequal goals set forth in the Sacramento–San Joaquin Delta Reform Act of 2009 of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The above phrase—restore and protect the ability of the SWP and CVP to deliver up to full contract amounts—is related to the upper limit of legal CVP and SWP contractual water amounts and delineates an upper bound for development of EIR/EIS alternatives, not a target. It is not intended to imply that increased quantities of water will be delivered under the proposed project. As indicated by the "up to full contract amounts" phrase, alternatives need not be capable of delivering full contract amounts on average in order to meet the project purposes. Alternatives that depict design capacities or operational parameters that would result in deliveries of less than full contract amounts are consistent with this purpose.

Project Need

The need for the action is derived from the multiple, and sometimes conflicting, challenges currently faced within the Delta. The Delta has long been an important resource for California, providing municipal, industrial, agricultural and recreational uses, fish and wildlife habitat, and water supply for large portions of the state. However, by several key criteria, the Delta is now widely perceived to be in crisis. There is an urgent need to improve the conditions for threatened and endangered fish species within the Delta. Improvements to the conveyance system are needed to respond to increased demands upon and risks to water supply reliability, water quality, and the aquatic ecosystem.

Delta Ecosystem Health and Productivity

Variability in the location and timing of flows, salinity, and habitat was common in the pre-European Delta. But for the past 70 years, the Delta has been managed as a tidal/freshwater system. During the same period, the ecological productivity for Delta native species and their habitats has been in decline. Removal of much of the variable pre-European heterogeneous mix of fresh and brackish habitats, necessary to support various life stages of some of the Delta native species, has had a limiting effect on the diversity of native habitat within the Delta. In addition, urban development, large upstream dams and storage reservoirs, diversions, hydraulic mining, and the development of a managed network of navigation, flood control, and irrigation canals have all affected water flow patterns and altered fish and wildlife habitat availability. Most of the original tidal wetlands and many miles of sloughs in the Delta were removed by channelization and levee construction between the 1850s and 1930s. These physical changes, coupled with higher water exports and declines in water quality from urban and agricultural discharges and changes in constituent dilution capacity from managed inflows and diversions, have stressed the natural system and led to a decline in ecological productivity.

Significant declines have been reported in economically important fish species such as Chinook salmon. Delta smelt, considered by many to be an indicator species for the health of the Delta ecosystem, is just one component species in the community-wide pelagic organism decline. Fishery resource changes may

be attributable to numerous factors, including water management systems and facilities, water quality/chemistry alterations, and nonnative species introductions.

Water Supply Reliability

The distribution of precipitation and water demand in California is unbalanced. Most of the state's precipitation falls in the north, yet substantial amounts of water demand are located south and west of the Delta, including irrigation water for southern Central Valley agriculture, and municipal and industrial uses in southern California and the Bay Area. This supply/demand imbalance led to development of two major water projects: the SWP and the CVP.

Together, the SWP and CVP systems are two of the largest and most complex water projects in the nation and provide the infrastructure for the movement of water throughout much of California. They function under a suite of Congressional authorizations, interagency agreements, regulatory requirements, and contractual obligations that govern daily operations and seasonal performance. These include various authorizing legislation, the USFWS and NMFS Biological Opinions, including the Reasonable and Prudent Alternatives, and the water right permits issued by the State Water Board, among others. Regulations for the combined SWP and CVP operations are intended to protect the beneficial uses of Delta water, which include municipal, industrial, and agricultural water uses, fish and wildlife uses, environmental protection, flood management, navigation, water quality, power, and recreation.

The water rights of the SWP and CVP are conditioned by the State Water Board to protect the beneficial uses of water within the Delta under each respective project's water rights. In addition, under the COA, DWR and Reclamation coordinate their reservoir releases and Delta exports to enable each project to achieve benefit from their water supplies and to operate in a manner protective of beneficial uses as required by their water right permits. It is the responsibility of the SWP and CVP to meet these obligations regardless of hydrologic conditions. In 2006, Governor Schwarzenegger's Executive Order S-17-06 created the Delta Vision Task Force to address some of the issues facing the Delta. In the closing days of the Task Force's work, the State Water Board presented information indicating that quantities totaling several times the average annual unimpaired flows in the Delta watershed could be available to water users based on the face value of water permits already issued. However, the hydrology, the SWP and CVP water contracts, and environmental regulations control actual quantities that could be made available for use and diversion.

The current and projected future inability of the SWP and CVP to deliver water to meet the demands of certain south of Delta CVP and SWP water contractors is a very real concern. More specifically, there is an overall declining ability to meet defined water supply delivery volumes and water quality criteria to support water users' needs for human consumption, manufacturing uses, recreation, and crop irrigation.

Delta Hydrology and Water Quality

Generally, Delta hydrodynamics are defined by complex interactions between tributary inflows, tides, in-Delta diversions, and SWP and CVP operations, including conveyance, pumping plants, and operations of

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channel barriers and gates. The degree to which each variable impacts the overall hydrology of the Delta varies daily, seasonally, and from year to year, depending on the magnitude of inflows, the tidal cycle, and the extent of pumping occurring at the SWP and CVP pumping plants. Changes in water inflow and outflow throughout the Delta affect the water quality within the Delta, particularly with regard to salinity. It has been estimated that seawater is pushing 3 to 15 miles farther inland since development began in the Delta over 150 years ago (Contra Costa Water District 6 2010).

Additionally, other water constituents of concern in the Delta have been identified through ongoing regulatory, monitoring, and environmental planning processes such as CALFED, planning functions of the State Water Board, and the CWA Section 303(d) list of state water bodies that do not meet applicable water quality standards. In June 2007 (with updates in February and May 2009), EPA gave final approval of a list of 18 chemical constituents identified in the Section 303(d) list for impaired Delta waters (State Water Resources Control Board 2007). Included in this list are dichlorodiphenyltrichloroethane (DDT) and other pesticides, mercury, polychlorinated biphenyls (PCBs), and selenium.

To further compound these challenges, fundamental changes to the Delta are certain to occur; the Delta is not a static ecological system. The anticipated effects of climate change will result in elevated sea levels, altered annual and inter-annual hydrological cycles, changed salinity and water temperature regimes in and around the Delta, and accelerated shifts in species composition and distribution. These changes add to the difficulty of resolving the increasingly intensifying conflict between the ecological needs of a range of at-risk Delta species and natural communities and the need to provide adequate and reliable water supplies for people, communities, agriculture, and industry. Anticipating, preparing for, and adapting to these changes are key underlying drivers for the proposed project.

Block 20. REASON FOR DISCHARGE

The construction of the proposed project would result in the discharge of fill material. Discharge of fill material would be associated with the construction of the intake facilities on the banks of the Sacramento River; grading at intake locations, construction of the intermediate forebay, pumping plant, and at tunnels (drive, vent, and reception shafts); disposal of excavated tunnel material; and installation of the HOR Barrier. In addition, fill would be placed into the existing CCF to create two separate forebays. Both forebays are proposed to be dredged.

Block 21. TYPE OF MATERIAL BEING DISCHARGED AND AMOUNT IN CUBIC YARDS

The material proposed for discharge consists of clean soil, rock, concrete, grout, sheet piles, and reusable tunnel material. The total amount of fill material to be discharged into Waters of the U.S. during construction of the conveyance facilities, and disposal of excavated material, is estimated to be 15,022,645 cubic yards. The amount of fill material to be discharged in Waters of the U.S. at given locations for the specific facilities is estimated below in Table 1.

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Facility Hybrid Constructability	CY Fill	Estimate Assumptions	Fill Material
Barge Unloading Facility	260000	Engineering calculation	Clean soil and rock
Work Areas	97009	1 foot deep	Clean soil, rock, concrete
Concrete Batch Plant	7464	1 foot deep	Clean soil, rock, concrete
Control Structure	9759	1 foot deep	Clean soil, rock, concrete
Forebay and Spillway	1793	1 foot deep	Clean soil, rock, concrete
Forebay Embankment	11192500	Engineering calculation	Clean soil and rock
Forebay Overflow Structure	9689	Engineering calculation	Concrete and rock
Fuel Station	1490	1 foot deep	Clean soil, rock, concrete
Intake	141675	Engineering calculation	Concrete
Intake end curves/walls	180000	Engineering calculation	Clean soil and rock
Operable Barrier	12230	Engineering calculation	Clean rock and grout
Operable barrier sheet piles		Engineering calculation	Sheet piles 32,146 sq feet
Power trans/PGE	8029	1 foot deep	Clean soil, rock, concrete
Reusable Tunnel Material	2099259	6 feet deep	Reusable tunnel material
additional dredge material from CCF	241193	additional 13 feet	Dredged material
Road Interchange	15917	1 foot deep	Clean soil, rock, concrete
Shaft Locations	53724	1 foot deep	Clean soil, rock, concrete
additional at Pumping Plant	660000	Engineering calculation	Clean soil, rock, concrete
Transmission Line	27427	1 foot deep, assume max 17.08 acre footprint	Clean soil, rock, concrete
Tunnel Conveyor Facility	3487	1 foot deep	Clean soil, rock, concrete
Canal		Excavation, no fill needed	
Forebay		Excavation, no fill needed	
Forebay Dredging Area		Excavation, no fill needed	
New Forebay		Excavation, no fill needed	
Total Fill	15022645		

Table 1. Estimate of Fill into Waters of the U.S.

Block 22. SURFACE AREA IN ACRES OF WETLANDS OR OTHER WATERS FILLED

Construction of the proposed project would result in the unavoidable fill of waters of the U.S. DWR has mapped several types of waters of the United States that are located within the project area. Descriptions of the mapped waters are provided below, including general characterizations of the associated vegetation expected to occur within each type of aquatic habitat.

Perennial Wetlands

Perennial wetlands are dominated by persistent hydrophytic vegetation. Three types of perennial wetlands were mapped in the Project Area based on the growth form of the vegetation.

• Emergent Wetland - Emergent wetlands are dominated by emergent marsh plants such as tules and cattails, or native or ruderal hydrophytic herbaceous forbs. Nontidal emergent wetlands occur above the waterline in ditches or other nontidal channels, at the edge of ponds or lakes, or where seepage occurs on the landside of levees. Tidal emergent wetlands occur in the

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vegetated zone along tidal or muted tidal channels, in areas such as mud flats, waterside levee toes, and in-channel islands.

- Scrub-Shrub Wetlands Scrub-shrub wetlands are dominated by woody vegetation that is less than 6 m tall and includes riparian shrubs such as native blackberries, dogwoods, buttonbush, and California wild rose, as well as willow and cottonwood seedlings or saplings. Scrub-shrub wetlands may occur in depressions or other nontidal areas such as the banks of ditches and the edges of ponds or lakes. This plant community also occurs in tidally influenced areas along tidal channels and on in-channel islands.
- Forested Wetlands Forested wetlands are defined by woody vegetation that is 6 m tall or taller. Riparian trees in the study area include: Goodding's willow, arroyo willow, sandbar willow, and Fremont's cottonwood. Forested wetlands are found in areas with tidal and nontidal water regimes, as described for scrub-shrub wetlands.

Seasonal Wetlands

Three types of seasonal wetlands were mapped in the study area. Seasonal wetlands are usually dry for part of the year and therefore exhibit vegetation that is patchy or not persistent throughout the year. Strongly alkaline or saline conditions may also cause the soil to be barren of vegetation in some areas.

- Vernal Pool Vernal pool wetlands are depressions with an impervious soil horizon close to the surface. These depressions fill with rainwater and may remain inundated through spring or early summer; they often occur in complexes of many small pools that are hydrologically interconnected. Vernal pools support distinct plant species adapted to the characteristic flooding and drying cycles of the habitat. The vernal pools in the project area are located south and west of Clifton Court Forebay and have been somewhat disturbed by past land use activities.
- Seasonal Wetland A type of seasonal wetland occurs in the central Delta within plowed agricultural fields. Although a system of pumps and drainage ditches controls water levels on the subsided islands, a high water table persists in some areas. Upland crops are planted in the surrounding fields but hydrophytic ruderal forbs become established in the wet areas, and crops usually fail if planted there. The vegetation in these wetlands consists mostly of annual weedy wetland species.
- Alkaline Wetland Alkaline wetlands are a type of seasonal wetland influenced by strongly alkaline or saline soils. Alkaline wetlands support alkaline or saline tolerant species such as iodine bush and alkali heath, but may also have large unvegetated areas that are seasonally ponded or saturated.

Nontidal Waters

In the Delta five types of nontidal waters were mapped as the open water portion of either naturally occurring features or unnatural features that were excavated and/or diked. Nontidal waters may occur in depressions of various sizes or in channels with either intermittent or perennially flowing water. The vegetation associated with these waters is discussed separately in the Wetlands section.

• **Agricultural Ditches** - Throughout the Delta there are many ditches constructed for the purpose of irrigating and/or draining agricultural land. The mapped ditches range in size from one to 22

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meters wide. They are generally unvegetated with mud bottoms, but may support floating species such as duckweed or water hyacinth.

- **Natural Channels** Nontidal natural channels exist on the northeast and southwest edges of the Project Area. These include a section of the Cosumnes River and several small channels linking other water features. All of these features flow intermittently. The substrate in natural channels may be mud, or sand, gravel, and cobbles. These channels are generally unvegetated, but may have inclusions of emergent wetland, scrub-shrub, or forest wetlands. However, if these inclusions were large enough to be mapped, they were included in the delineation under those specific habitat types.
- **Depressions** Depressions are ponds that are permanently, seasonally, or artificially wet, with little to no rooted vegetation on a mud or sand bottom. They may be artificially filled or result from a high water table. Depressions are less than 20 acres in size with a depth of less than 2 meters. These water bodies are often created in grazing lands for use as stock ponds, and may be diked or otherwise artificially impounded.
- Lakes Lakes have characteristics similar to depressions, but are greater than 20 acres in size and may have a wave-formed shoreline.

Tidal Waters

Tidal waters are the open water portions of aquatic features that are influenced by the rise and fall of the tides. Man-made structures such as gates or culverts may restrict tidal influence to various degrees.

- Tidal Channels Tidal channels may be naturally occurring perennial riverine waterways, though most have been modified with leveed banks and often reinforced with rock revetment. Water velocity and depth fluctuates under tidal influence, and the channel bottom is generally comprised of mud or sand. Tidal channels that have been created by excavation are usually straight rather than sinuous, and usually have heavily diked or reinforced banks. These excavated channels were often created to provide for navigation, water conveyance, material for levees, or to raise the land surface on adjacent property. Tidal channels are largely unvegetated, or may support floating or submerged aquatic vegetation.
- **Conveyance channels** Several large rock-lined conveyance channels were mapped in the study area. These constructed water features were mapped along with all other aquatic resources in the Project Area because they may be subject to some tidal effects and therefore may be considered jurisdictional by the Army Corps of Engineers. These features are unvegetated.
- **Clifton Court Forebay** Clifton Court Forebay, a constructed reservoir, is a highly modified perennial water body which is semi-enclosed by land, and engineered to be periodically open to tidal influences via a moveable gate structure. The Forebay is characterized by an artificial rock shore (rock revetment) and an aquatic bed of varying depths. The forebay is largely unvegetated, however, emergent perennials such as cattails and tules are found in shallow areas, and submerged aquatics such as Brazilian waterweed are found in areas of moderate depth.

The proposed project will result in permanent impact to approximately 774 acres of waters of the United States and temporary impact to approximately 1,931 acres of waters. The impacts are shown in detail in Table 2 below.

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Habitat Type	Permanent Impact	Temporary Impacts Treated as Permanent ¹	Temporary Impact ²
Agricultural Ditch	46	17	0
Alkaline Wetland	20	0	0
Clifton Court Forebay	258	0	1931
Conveyance Channel	8	3	0
Depression	29	7	0
Emergent Wetland	57	32	0
Forest	8	9	0
Lake	23	0	0
Scrub-Shrub	13	5	0
Seasonal Wetland	115	25	0
Tidal Channel	19	81	0
Vernal Pool	0.3	0	0
Total ³	596.3	179	1931

Table 2. Approximate Impact Acreages

Of the permanent impacts, 179 acres are temporary impacts treated as permanent because the temporary impacts are expected to last over one year. These impact sites will eventually be restored to pre-project conditions; however, due to the duration of effect, the impacts are treated as permanent. Impacts to 52 acres of pond and lake habitat is actually conversion from open water to a mosaic of wetlands types (e.g. seasonal wetland, scrub-shrub, riparian, emergent marsh) at four lakes that were created as a result of the construction of Interstate 5 in 1979. This conversion is a part of the planned

¹ Temporary impacts treated as permanent are temporary impacts expected to last over one year. These impact sites will eventually be restored to pre-project conditions; however, due to the duration of effect, compensatory mitigation will be included for these areas.

² Temporary impacts are due to dredging Clifton Court Forebay.

³ Some of these impact totals are overestimated. For example, transmission lines have been mapped as a 150-foot wide corridor, although the actual footprint would be 100' X150' for power pole pads that are spaced 450' apart for 69kV lines and 750' apart for 230kV lines; a narrow access road may also follow the transmission line alignment. The location of some pads may be changed to avoid wetlands. Impacts to Tidal Channels are also overestimated due to errors in mapping access roads on levees; the project footprint is not intended to impact the channels.

mitigation for Phase 2, as discussed in Block 23, Compensatory Mitigation, below. All of the temporary impact is due to the dredging of Clifton Court Forebay.

Wetlands and other aquatic features provide many functions, such as providing habitat, storing and conveying water, and trapping sediment. Wetlands that are undisturbed, with natural hydrologic connections and native species, tend to have a higher functional value than disturbed wetlands. A qualitative functional assessment of the mapped wetlands in the Project Area sorted the impacted wetlands into three functional value groups:

<u>Low functional value</u>: most agricultural ditches, seasonal and emergent wetlands within agricultural fields, Clifton Court Forebay, and constructed conveyance channels and other highly disturbed aquatic features.

<u>Medium functional value</u>: emergent, forest, scrub-shrub, depressions, and alkaline wetlands that are moderately disturbed or fragmented aquatic features and agricultural ditches that have developed adjacent marsh or riparian habitat.

<u>High functional value</u>: tidal channels, lakes, emergent, forest, scrub-shrub, depressions, alkaline wetlands and vernal pools that are relatively undisturbed.

The qualitative functional assessment of the impacted aquatic features is summarized in Table 3. The majority of the permanent impacts (approximately 72%) are to either low or moderate functional habitats. The largest single permanent impact (258 acres) is to Clifton Court Forebay, which as described above, is a man-made feature with extremely limited habitat function. The second largest permanent impact (115 acres) is to seasonal wetlands, which occur within plowed agricultural fields.

	Total			
	impacted		Medium	Low
Туре	acres	High Function	Function	Function
Agricultural Ditch	63		7	56
Alkaline Wetland	20	9	9	2
Clifton Court Forebay	258			258
Conveyance Channel	11			11
Depression	36	29	7	
Emergent Wetland	89	36	26	27
Forest	17	11	6	
Lake	23	23		
Scrub-Shrub	18	10	6	3
Seasonal Wetland	140			140
Tidal Channel	100	100		
Vernal Pool	0.3	0.2		<0.1
Totals	775.3	218	61	497
Percent of Total		28%	8%	64%

Table 3. Qualitative Functional Assessment of Impacted Aquatic Features

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Block 23. DESCRIPTION OF AVOIDANCE, MINIMIZATION, AND COMPENSATION

The proposed project conforms to the general rule that avoidance, minimization, and compensation are to be applied in a sequential fashion. The applicant has designed the proposed project to avoid waters of the United States where practicable and minimize any unavoidable impacts. The applicant will provide compensatory mitigation for any remaining impacts.

In 2008, the Corps and the EPA issued regulations, known as the "Mitigation Rule", governing compensatory mitigation for activities authorized by permits issued by the Corps (33 CFR §§325, 332). In 2015, the Corps' South Pacific Division issued "Regional Compensatory Mitigation and Monitoring Guidelines (Final January 12, 2015)" (Division Guidelines) to supplement the Mitigation Rule. Compensatory mitigation under the Mitigation Rule and Division Guidelines fulfill the long standing national goal of replacing the loss of wetland and other aquatic resource acreages and functions, known as the "no net loss" goal (National Wetlands Mitigation Action Plan (December 24, 2002)). To achieve the no net loss goal, the Corps and EPA have concluded that, where appropriate and practicable, compensatory mitigation "should provide, at a minimum, one for one functional replacement (i.e., no net loss of values), with an adequate margin of safety."⁴ The long-term objective of the no net loss policy is to increase wetland acreages and functions nationally.

The Mitigation Rule defines compensatory mitigation as (1) restoring existing wetlands or reestablishing former wetlands; (2) creating new wetlands in upland areas; (3) enhancing the functional values of degraded wetlands; and (4) preserving existing aquatic resources. Restoration is generally the preferable form of compensatory mitigation because the likelihood of success is greater while the impacts to potentially ecologically important uplands are less, as compared to creation. Moreover, the potential gains in terms of aquatic resources functions are often greater with restoration as compared to enhancement and preservation (33 CFR §332.3(a)(2)). The Mitigation Rule and Division Guidelines stress the benefits of a watershed approach to compensatory mitigation, and the preference for compensatory mitigation to be located in the same watershed as the site of the impact site and where it is most likely to successfully replace lost functions and services (33 CFR §332.3; Division Guidelines, §3.2).

Avoidance and Minimization Measures

The proposed project has been designed to avoid impacts to waters of the United States to the maximum extent practicable. Numerous iterations of footprint locations for each of the conveyance components were evaluated to maximize the use of upland areas. Once construction begins, measures will be implemented to further avoid and minimize impacts to waters of the United States as well as to special status species. The AMMs will be implemented at all phases of the project, including siting, design, construction, and operations and maintenance. The AMMs that pertain specifically to waters of the United States are summarized in the Table 3 below.

⁴ Memorandum of Agreement between the Environmental Protection Agency and the USACE concerning the Determination of Mitigation under the Clean Water Act Section 404(b)(1) Guidelines, 55 Fed. Reg. 9210, 9212 (1990) ("Mitigation MOA").

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Number	Title	Summary
AMM1	Worker Awareness Training	Includes procedures and training requirements to
		educate construction personnel on the types of sensitive
		resources in the project area, the applicable
		environmental rules and regulations, and the measures
		required to avoid and minimize effects on these
		resources.
AMM2	Construction Best Management	Standard practices and measures that will be
	Practices and Monitoring	implemented prior, during, and after construction to
		avoid or minimize effects of construction activities on
		sensitive resources (e.g., species, habitat), and
		monitoring protocols for verifying the protection
		provided by the implemented measures.
AMM3	Stormwater Pollution	Includes measures that will be implemented to minimize
	Prevention Plan	pollutants in stormwater discharges during and after
		construction, and that will be incorporated into a
		stormwater pollution prevention plan to prevent water
		quality degradation related to pollutant delivery from
		project area runoff to receiving waters.
AMM4	Erosion and Sediment Control	Includes measures that will be implemented for ground-
	Plan	disturbing activities to control short-term and long-term
		erosion and sedimentation effects and to restore soils
		and vegetation in areas affected by construction
		activities, and that will be incorporated into plans
		developed and implemented as part of the National
		Pollutant Discharge Elimination System permitting
		process for covered activities.
AMM5	Spill Prevention, Containment,	Includes measures to prevent and respond to spills of
	and Countermeasure Plan	hazardous material that could affect waters of the
		United States, including navigable waters, as well as
		emergency notification procedures.
AMM6	Disposal and Reuse of Spoils,	Includes measures for handling, storage, beneficial
	Reusable Tunnel Material, and	reuse, and disposal of excavation or dredge spoils and
	Dredged Material	reusable tunnel material, including procedures for the
		chemical characterization of this material or the decant
		water to comply with permit requirements, and reducing
		potential effects on aquatic habitat, as well as specific
		measures to avoid and minimize effects on species in the
		areas where reusable tunnel material would be used or
		disposed.
AMM7	Barge Operations Plan	Includes measures to avoid or minimize effects on

Table 3. Summary of the Avoidance and Minimization Measures

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		aquatic species and habitat related to barge operations,
		by establishing specific protocols for the operation of all
		project-related vessels at the construction and/or barge
		landing sites. Also includes monitoring protocols to
		verify compliance with the plan and procedures for
		contingency plans.
AMM10	Restoration of Temporarily	Restore and monitor natural communities in the Plan
	Affected Natural Communities	Area that are temporarily affected by construction
		activities. Measures will be incorporated into restoration
		and monitoring plans and will include methods for
		stockpiling and storing topsoil, restoring soil conditions,
		and revegetating disturbed areas; schedules for
		monitoring and maintenance; strategies for adaptive
		management; reporting requirements; and success
		criteria.
AMM12	Vernal Pool Crustaceans	Includes provisions to require project design to minimize
		indirect effects on vernal pool habitat, avoid effects on
		core recovery areas, minimize ground disturbing
		activities or alterations to hydrology, conduct protocol-
		level surveys, and redesign the project to ensure that
		habitat loss is minimized where practicable.
AMM30	Transmission Line Design and	Design the alignment of proposed transmission lines to
	Alignment Guidelines	minimize impacts on sensitive terrestrial and aquatic
		habitats when siting poles and towers. Restore disturbed
		areas to preconstruction conditions.
AMM34	Construction Site Security	Provide all security personnel with environmental
		training similar to that of onsite construction workers, so
		that they understand the environmental conditions and
		issues associated with the various areas for which they
		are responsible at a given time.
AMM36	Notification of Activities in	Before in-water construction or maintenance activities
	Waterways	begin, notify appropriate agency representatives if these
		activities could affect water quality or aquatic species.

Measures that will be implemented to avoid and minimize impacts to aquatic species and species which utilize aquatic habitats such as California tiger salamander, giant garter snake, California red legged frog, western pond turtle, riparian woodrat, riparian brush rabbit, Suisun shrew, and salt marsh harvest mouse, will also serve to reduce project impacts to waters of the United States.

Wetland Functions

Mitigation will be provided to compensate for the loss of acreage and functions associated with unavoidable construction-related impacts to waters of the United States. Wetland functions are defined

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as a process or series of processes that take place within a wetland, such as those related to the storage of water, transformation of nutrients, growth of living matter, and diversity of wetland plants. Functions can be grouped broadly as habitat, hydrologic, or water quality.

Not all wetlands perform all functions nor do they perform all functions equally well. The location and size of a wetland may determine the nature of the wetland function. For example, the geographic location may determine habitat functions, and the location of a wetland within a watershed may determine its hydrologic or water-quality functions. Many factors determine how well a wetland will perform these functions: climatic conditions, quantity and quality of water entering the wetland, and disturbances or alteration within the wetland or the surrounding ecosystem. Wetland disturbances may be the result of natural conditions, such as an extended drought, or of human activities, such as land clearing, dredging, or the introduction of nonnative species. Wetlands are among the most productive habitats in the world, providing food, water, and shelter for fish, shellfish, birds, and mammals, and serving as a breeding ground and nursery for numerous species. Many endangered plant and animal species are dependent on wetland habitats for their survival. Hydrologic functions are those related to the quantity of water that enters, is stored in, or leaves a wetland. These functions include such factors as the reduction of flow velocity, the role of wetlands as ground-water recharge or discharge areas, and the influence of wetlands on atmospheric processes. Water-quality functions include the trapping of sediment, pollution control, and the biochemical processes that take place as water enters, is stored in, or leaves a wetland.

The applicant has conducted a qualitative functional assessment to assign a relative ranking system to the wetlands and other waters for which a discharge is being proposed. Additional analysis may be conducted during development of a compensatory mitigation plan. The assessment of existing functions will be compared to the functions expected to result from the proposed mitigation for the purpose of demonstrating that the compensatory mitigation will, at a minimum, fully replace the function of the waters proposed to be filled.

Compensatory Mitigation

Compensatory mitigation will be proposed to off-set the impacts associated with the physical construction of the project. In some cases, restoration actions designed to provide habitat for species may also serve as compensatory mitigation for the loss of waters of the United States (e.g. created emergent marsh may function as both habitat for delta smelt, as well as compensatory mitigation for physical impacts to emergent marsh habitat). The proposed compensatory mitigation will be subject to specific success criteria, success monitoring, long-term preservation, and long-term maintenance and monitoring pursuant to the requirements of the Mitigation Rule. In some cases, proposed mitigation is likely to afford significantly higher function and value than that of waters proposed for discharge.

Compensation ratios, which are developed by the Corps, are guided by type, condition, and location of replacement habitat as compared to type, condition and location of impacted habitat. Compensatory mitigation usually includes restoration, creation, or rehabilitation of aquatic habitat. The Corps does not typically accept preservation as the only form of mitigation; use of preservation as mitigation typically

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requires a very high ratio of replacement to impact. It is anticipated that mitigation ratios will be at a minimum of 1:1, depending on the factors listed above. Based on preliminary discussions with the Corps, it is anticipated that ratios will be developed for each affected habitat type, and further, for each functional ranking (see Table 2 above) within each habitat type.

Typically, impacted habitat is replaced with in-kind habitat; consistent with this approach, for example, the applicant expects to mitigate for permanent impacts to Clifton Court Forebay with waters created through the expansion of CCF into North CCF and South CCF. Impacts to some lower functioning habitat types, such as seasonal wetland and agricultural ditches may be mitigated out-of-kind with higher functioning habitat types.

The applicant will propose compensatory mitigation using one or more of the following methods:

- Purchase of credits for restored/created/rehabilitated habitat at an approved wetland mitigation bank;
- On-site (adjacent to the project footprint) restoration or rehabilitation of wetlands converted to uplands due to past land use activities (such as agriculture) or functionally degraded by such activities;
- On-site (adjacent to the project footprint) creation of aquatic habitat;
- Off-site (within the Delta) restoration or rehabilitation of wetlands converted to uplands due to past land use activities (such as agriculture) or functionally degraded by such activities;
- Off-site (within the Delta) creation of aquatic habitat;
- Payment into the Corps' Fee-in-Lieu program.

Purchase of Credits or Payment into In-lieu Fee Program

The applicant may purchase bank credits and/or make payments into an in-lieu fee program to compensate for impacts. The applicant would utilize programs that have been Corps-approved and have service areas that encompass areas impacted by the proposed project.

On-Site Restoration, Rehabilitation and/or Creation

Much of the Delta consists of degraded or converted habitat that is generally functioning as upland. The applicant would seek opportunities to conduct on-site restoration, rehabilitation, and/or creation in areas adjacent to project footprints. It is anticipated that some of the compensatory mitigation would fall into this category.

Off-Site Restoration, Rehabilitation and/or Creation

Within the immediate vicinity of the project area, much of the land has been subject to agricultural or other land uses which have degraded or even converted wetlands that existed historically. The applicant would evaluate sites within the Delta to determine their potential for restoration, rehabilitation, and/or creation. It is anticipated that most of the compensatory mitigation obligation would be satisfied through this approach.

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DWR will submit to the Corps its approach to compensatory mitigation that contemplates implementation in several phases. Phase 1 mitigation would address the construction of the pumping plant at CCF, which will impact approximately 34 acres of wetlands and waters. Phase 2 mitigation would compensate for impacts associated with the construction of the north tunnels, intermediate forebay, dual main tunnels; disposal of tunnel material; dredging of CCF and construction of two forebays. These activities would result in 698.3 acres of impact. Phase 3 mitigation would cover impacts associated with the construction of the Head of Old River Barrier, which would impact approximately 43 acres of waters and wetlands.

It is anticipated that the impacts associated with Phase 1 would be mitigated through the purchase of credits at an existing Corps-approved mitigation bank. The 34 acres of impact consists of 24 acres of emergent wetland, 7 acres of scrub-shrub, 2 acres of forest, and one acre of depression (pond). DWR proposes to purchase floodplain mosaic wetland credits (which include perennial emergent marsh, scrub shrub wetland, riparian forest, and waters of the US (non-wetland)) at a ratio of 1:1 to appropriate compensate for Phase 1 impacts. The service area for the Consumnes Floodplain Mitigation Bank, operated by Westervelt Ecological Services, incorporates the areas where impacts would occur at CCF, providing one potential option for DWR to purchase credits from an approved mitigation bank.

DWR is currently assessing two privately held tracts of land for their potential to support restoration and creation of waters to satisfy most of the compensatory mitigation necessary for Phases 2 and 3. One tract is located in the north Delta, while the other is located in the central Delta. Both are currently farmed.

Construction of wetlands at the tract in the north Delta would likely include sculpting the interior of the tract to elevations that would support a mosaic of habitat types, including woody riparian, scrub-shrub, seasonal wetland, emergent wetland, and open water. One or more breach or notch in the existing (non-project) levee at the lowest end of the island would be excavated to allow for water to enter the island. Much of the island would be subject to the ebb and flow of the tide and created habitats would mimic that of natural habitats in the area. The sculpting would be designed to ensure that no fish would be entrapped as water receded at low tide.

Construction of wetlands at the tract in the central Delta would utilize the low elevation of the interior of the island to create seasonal wetland and emergent marsh habitat through excavation. In other locations on this island, setback levees might be constructed such that the existing (non-project) levees could be removed or breached in multiple locations resulting in the creation of riparian, scrub-shrub, and emergent wetlands. If portions of the existing levee can be left intact, the result would be the creation of new in-channel islands which would be an important, high function resource within the Delta where existing in-channel islands are subject to erosion and degradation.

DWR also proposes to provide additional compensatory mitigation from within the four lakes that were created during the construction of Interstate 5. Currently each of the lakes is open water with sparse or no edge vegetation (either emergent wetland or riparian vegetation). It is envisioned that excavated

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tunnel material would be used to partially fill the open water, resulting in a mosaic of open water, emergent wetland, seasonal wetland, scrub-shrub, and riparian habitats.

As mentioned above, the permanent impacts associated with work at Clifton Court Forebay would be mitigated through the expansion of CCF into North CCF and South CCF.

A comprehensive conceptual mitigation plan for the proposed project is currently being developed and will be submitted to the Corps for review and comment upon completion. At this time, it is expected that there will be two final mitigation plans; one for Phase 1, and one for Phases 2 and 3. The final mitigation plan for Phase 1 will identify the bank where credits would be purchased and include an analysis of the functional value of those credits in relationship to the functions lost at CCF through the construction of the pumping plant. The final mitigation plan for Phases 2 and 3 will identify the location, type, and amount of habitat to be created and will include all thirteen components identified in the Mitigation Rule.

Impacts Resulting from the Construction of Compensatory Mitigation

The restoration, rehabilitation, and/or creation of aquatic habitat during the construction of the compensatory mitigation would result in relatively minor environmental impacts. Expected impacts include noise and air quality during construction, the conversion of upland to aquatic habitat, and potential changes to existing channel hydraulics where levees will be breeched or lowered to create weirs.

Block 25. ADDRESSES OF ADJOINING PROPERTY OWNERS

Please see TAB G, Adjacent Landowner Mailing List.

AGENCY	TYPE OF APPROVAL	STATUS
USFWS	Biological Opinion/Take Statement	Pending
NMFS	Biological Opinion/Take Statement	Pending
CDFW	2081(b) Take Permit	Pending
CDFW	Streambed Alteration Agreement	Pending
SWRCB	New Point of Diversion	Pending
SWRCB	Water Quality Certification/WDR	Pending

Block 26. LIST OF OTHER CERTIFICATES/APPROVALS

D. Additional Information

In addition to the supplemental data above, the following **additional information** is provided to assist the Corps in the permit process. Much of this information was presented in Appendix E of the Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) for the Bay Delta Conservation Plan.

1. RIVERS AND HARBORS ACT SECTION 10

The Applicant has examined potential impacts to navigation both during construction and during the operation of the conveyance facilities described as the proposed project. These effects are set out in the RDEIR/SDEIS and include assessments regarding changes in water surface elevation and sedimentation associated with the proposed project.

Potential Effects to Water Surface Elevations Caused During Construction of the Intakes

The construction of Intakes 2, 3, and 5 will require the installation of coffer dams at each location. Coffer dams will be used to isolate construction areas from the Sacramento River and allow for the sites to be dewatered. The installation of the coffer dams will likely cause localized water elevation changes upstream of and adjacent to each coffer dam. These localized surface elevation changes will not exceed a 0.10 foot increase above existing conditions at any intake location even at high river flows (when surface elevation changes would be expected to be highest). Because this maximum increase in elevation would be entirely localized, downstream surface elevation changes during intake construction would be insignificant and changes to river depth and width at any location would also be insignificant. Consequently, boat passage and river use in the Sacramento River and its tributaries would not be affected.

Potential Effects to Water Surface Elevations Caused by Intakes During Operation

The hydraulic modeling scenario for this analysis assumed five intakes because that is the maximum number of intakes included under any alternative evaluated in the RDEIR/SDEIS. The modeling also assumed the highest North Delta diversion capacity allowed under any alternative. The proposed project consists of fewer intakes and lower diversion capacity (three intakes and 9,000 cfs maximum diversion capacity), and as such, would have a smaller effect on surface water elevations than the model indicates. Under the proposed project, operation of Intakes 2, 3 and 4 may potentially have localized effects on water surface elevation during certain operational regimes and at certain river flows. While intake operations and pumping levels would be dictated by many factors, Sacramento River diversions would be limited during low flows by operational rules. To further minimize the intake effects on river surface elevations, intakes were designed as on-bank structures and were placed so that river flood and flow characteristics would be minimally altered.

Based on hydrologic modelling, even at the lowest river flows (taking into account both seasonal and tidal variations) and at maximum intake operation (full diversions at each of five alternative intakes), estimates are that boat draft depths of at least 16.5 feet would be maintained within the Sacramento River. This river depth has occurred historically and has been adequate to support navigation along the Sacramento River. Additionally, under these same intake divisions/river flows, water surface elevations would be lowered by no more than 0.7 feet, which represents a localized and maximum estimate. Surface elevations downstream of the intakes would be affected less, and during higher river flow and lower intake diversions, river depths would be greater than the minimum estimate.

The minimal changes in surface water elevation anticipated under the proposed project, even assuming a maximum lowering of 0.7 feet, would not likely expose any currently unexposed natural or man-made

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features that would affect or impede navigation. There would be no new snags or obstructions that would impede navigation.

Moreover, even when operating at maximum capacity, the intakes would not alter flows in a way that would affect commercial vessels or recreational watercraft. The intakes are designed to ensure pumping velocities would have minimal impacts to aquatic species. It is unlikely that changes in flow velocity would be perceptible to operators of marine vessels or recreational watercraft or otherwise affect navigation.

<u>Potential Effects on Navigation Caused by Sedimentation, Facility Construction</u> Intakes

Construction for Intakes 2, 3, and 5 would require the installation of coffer dams at each location. Coffer dams would be used to isolate each construction area from the Sacramento River and to allow for the de-watering of the construction area. Construction of coffer dams require sheet pile driving that would cause an incremental increase in suspension of bed sediments. These effects would be temporary and would not have an effect on navigation. Sheet piles at the edge of the levee embankment would likely change eddy currents locally, but rock slope in the transition zone would limit those currents and potential changes to bed load dynamics. As a result, erosion and sedimentation into the Sacramento River during intake construction would be minimal.

Any potential increases in sedimentation would be further minimized by limiting the duration of inwater construction activities and through the implementation of the environmental commitments identified in the RDEIR/SDEIS pertaining to water quality. Such commitments would serve to control short-term and long-term erosion and sedimentation effects and ensure the restoration of soils and vegetation in areas affected by construction activities following construction (AMM4, as described above in Table 2). Erosion and sediment control plans would be prepared for construction activities, each taking into account site-specific conditions such as proximity to surface water, erosion potential, drainage, etc. These plans would meet all applicable regulatory requirements regarding erosion control, including BMPs for erosion and sediment control.

Implementation of Mitigation Measure SW-4 identified in the RDEIR/SDEIS (Implement Measures to Reduce Runoff and Sedimentation) will further ensure that impacts from sedimentation are minimal.

Barge Facilities

Under the proposed project, five temporary barge landings would be constructed at locations adjacent to construction work areas to facilitate the delivery of construction materials. Each of the five proposed barge landings would include in-water and over-water structures, such as piling dolphins, docks, ramps, and possibly conveyors for loading and unloading materials; and vehicles and other machinery. Construction of the five barge landings would involve placing piles at each landing.

To address potential erosion and sedimentation impacts from barge facility construction associated with the proposed project, the applicant would effectuate the development and implementation of a Barge

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Operations Plan for facility construction. The components of the Barge Operations Plan are described in the RDEIR/SDEIS Appendix 3B, *Environmental Commitments*. This commitment is reflected in AMM7, *Barge Operations Plan*, as described in Table 2 above. This plan would be developed and implemented by the construction contractors per standard DWR contract specifications. Fleeting facilities would be either docking facilities built through pile and wharves or loaded and unloaded using landward positioned cranes. In either case, through AMM7 and the Environmental Commitments, impacts to sedimentation through construction related activities would be localized and minimal. Implementation of Mitigation Measure SW-4 would further ensure that impacts from sedimentation are minimal.

Clifton Court Forebay

Clifton Court Forebay would be dredged and redesigned to provide an area where water flowing from the new north Delta facilities would be isolated from water diverted from south Delta channels. Clifton Court Forebay is a "navigable water" because it is subject to the ebb and flow of the tide. The use of the forebay is limited to maintenance operations and is not open to commercial or recreational navigation.

<u>Potential Effects on Navigation Caused by Sedimentation, During Operations</u> Intakes

Sediment loads are present in the Sacramento River as bed loads or distributed within the water column. The Sacramento River is sediment "starved" for most of the year since upstream reservoirs act as settling basins for suspended sediments. In most cases, sediment load is concentrated on the river bed and this bed load depends on several factors including particle size, particle density and flow velocity. To exclude bed loads from entering intake structures during operation, design criteria for the intakes require that the lowest point of the screen be placed above the river bed in such a way that there is no change in bed sediment erosion/distribution patterns. Additionally, screen locations would be placed on the outer bends of the river to minimize scour, erosion and sediment loading at those locations. Flow control baffles at intakes would be adjusted to control sedimentation near the screens as needed and air jets at screens are proposed to re-suspend sediments as needed. Implementation of Mitigation Measure SW-4 (Implement Measures to Reduce Runoff and Sedimentation) would further ensure that impacts from sedimentation are minimal.

Potential Navigation Impacts from Construction and Operations of Head of Old River Barrier

The project proposes work at the Head of Old River including the construction of fish and flow control gates as well as a small boat lock to allow recreational boat passage. An analysis of potential impacts of this work on navigation was completed in 2005 by Jones and Stokes (*South Delta Improvements Program Vol I: Environmental Impact Statement/Environmental Impact Report*. Draft. October. (J&S 020533.02.) State Clearinghouse #2002092065. Sacramento, CA.) ("SDIP EIR/EIS"). The SDIP EIR/EIS analyzed whether the proposed barrier/gates facility and locks would cause a change in south Delta flows or water level, river flows or surface water elevations that would result in substantial changes to existing recreational or commercial boating activity and opportunities.

The changes in access to Delta waterways by boats and other vessels during construction and operation of the gates, during channel dredging activities, and attributable to changes in water levels/depths were

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addressed. Most of the waterways in the immediate project vicinity are public waterways navigable by recreational craft, including rowboats, large houseboats, and cabin cruisers. These waterways are also navigable by smaller commercial vessels, including towing and salvage vessels, clamshell dredges, dredges for repair and maintenance of levees and channels, and pile-driving vessels. Boat access points in the project area include River's End Marina, located south of the confluence of the DMC with Old River; Tracy Oasis Marina Resort, located west of Tracy Boulevard, on the south side of Grant Line/Fabian and Bell Canal; and possibly at Heinbockel Harbor, located on the west side of Tracy Boulevard and the north side of Old River

According to a California Department of Parks and Recreation (DPR) survey, minimal boat launching and use occurs in the project area. The channels within the project area are too small to accommodate large commercial vessels, and because the channels are also part of an existing temporary barriers project, larger vessels cannot use these channels when the barriers are in place. A boat lock at the proposed facility would ensure boat access upstream of the gate regardless of gate operations. In this regard, upstream boat access could improve over current conditions. Additionally, from June 16 through September 30, the gates will be open and no boat lock operations will be necessary.

With respect to both recreational and commercial navigation, and based on analysis provided in the SDIP EIR/EIS, boat access impacts during facility construction would be less than significant (p. 5.8-14, 5.8-18, 5.8-21), impacts to navigation caused by water level changes during barrier operation would be less than significant (p. 5.8-15. 5.8-19, 5.8-22), impact to non-recreational boaters due to temporary dredging operation would be less than significant (p. 5.8-16, 5.8-16, 5.8-19, 5.8-22), and impacts on recreation as a result of constructing and operating any of the alternatives would not be significant (p. 7.4-1).

Construction of the operable barrier could result in increased sedimentation near the gates. Maintenance dredging around the gate would be necessary to clear out sediment deposits. Dredging around the gates would be conducted using a sealed clamshell dredge. Depending on the rate of sedimentation, maintenance would occur every 3 to 5 years. A formal dredging plan with further details on specific maintenance dredging activities will be developed prior to dredging activities. Guidelines related to dredging activities, including compliance with in-water work windows and turbidity standards are described further in the RDEIR/SDEIS Appendix 3B, *Environmental Commitments*, under *Disposal and Reuse of Spoils, Reusable Tunnel Material (RTM), and Dredged Material*. These activities would ensure that sedimentation would not result in an adverse impact to navigation.

Potential Cumulative Effects on Navigation

As explained above and with respect to the construction and operation of these facilities, the proposed project would not result in adverse effects to navigation due to water level elevation changes or altered sedimentation patterns. It is highly unlikely that other projects would combine with these impacts of the project to result in cumulative effects on navigation. This is because the minimal effects of these elements of the project on navigation are localized and would combine only with probable future projects if the projects were located immediately adjacent to the project components. There are no other reasonably foreseeable projects proposed to be located near or adjacent to the planned facilities.

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2. NEPA

The California Department of Water Resources and the U.S. Bureau of Reclamation, as state and federal lead agencies under CEQA and NEPA, respectively, released the Partially Recirculated Draft Environmental Impact Report / Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) for the project in July 2015.

The RDEIR/SDEIS provides supplemental analysis and information regarding the various alternatives analyzed in the previously circulated Draft EIR/EIS and introduces three new sub-alternatives – 4A, 2D, and 5A. As explained in the RDEIR/SDEIS, the proposed project (the California WaterFix), which was developed in response to public and agency input, replaced Alternative 4 (the proposed Bay Delta Conservation Plan) as the CEQA Preferred Alternative. The proposed project is also the NEPA Preferred Alternative, a designation that was not attached to any of the alternatives presented in the Draft EIR/EIS. The entire environmental analysis for the proposed project is included in the RDEIR/SDEIS.

Also included as part of the RDEIR/SDEIS is Appendix E, *Supplemental Information for USACE Permitting Requirements*, which includes information and analysis relevant to the Corps' permitting for the proposed project. Appendix E was developed specific to informational needs to facilitate USACE decision-making under the Clean Water Act and Rivers and Harbors Act, and associated authorizations. The purpose of the Appendix is to present all information relevant to the Corps' permitting for the proposed project as efficiently as possible. Additionally, the RDEIR/SDEIS carries forward informational needs to facilitate USACE decision-making for all other alternatives considered.

Appendix E provides an overview of the material needed for the Corps' permitting process under the authority of Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act and identifies the stage of the permitting process at which the material will be available and presented.

Appendix E also provides specific environmental review information for the proposed project regarding impacts to waters of the United States, a conceptual description of compensatory mitigation, compliance with Section 106 of the National Historic Preservation Act, Section 10 of the Rivers and Harbor Act, and Section 14 of the Rivers and Harbors Act (codified in 33 USC 408 and commonly referred to as "Section 408").

3. ENDANGERED SPECIES

Section 7 of the ESA provides that each federal agency must ensure, in consultation with the Secretary of the Interior and/or Commerce, that any actions authorized, funded, or carried out by the agency are not likely to jeopardize the continued existence of any endangered or threatened species or result in the destruction or adverse modification of areas determined to be critical habitat (16 USC 1536(a)(2)). Section 7 requires federal agencies to engage in formal consultation with USFWS or NMFS for any proposed actions that are likely to adversely affect listed species.

DWR is responsible for the operations and maintenance of the State Water Project (SWP) and the Bureau of Reclamation (Reclamation), an agency of the U. S. Department of the Interior, is responsible for operations and maintenance of the Central Valley Project (CVP). DWR and Reclamation coordinate the operations of these water conveyance systems. DWR has proposed certain modifications and

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improvements to the SWP, including the construction and operation of three supplemental intakes and associated conveyance facilities and a new head of Old River barrier. Once constructed, these new facilities will result in changes to the operations of both CVP and SWP. As described in this Application, the construction and operation of the new facilities will require USACE authorizations under Section 404 of the Clean Water Act and Section 10 and Section 14 of the Rivers and Harbors Act.

Reclamation will serve as the lead federal agency for the Section 7 consultation. In conjunction with DWR, Reclamation will initiate formal consultation with both the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS) regarding the potential effect of the construction and operation of the new facilities on federally listed species and designated critical habitat. The Section 7 consultation regarding these new facilities is intended to cover all potential ESA-related impacts associated with construction and new operations, including impacts that may occur as a result of the issuance of USACE permits.

4. CULTURAL RESOURCES

The National Historic Preservation Act (NHPA), 16 U.S.C. §§ 470a to 470w-6, is the primary federal law governing the preservation of cultural and historic resources in the United States. The law establishes a national preservation program and a system of procedural protections which encourage the identification and protection of cultural and historic resources of national, state, tribal and local significance. Primary components of the act include:

- Articulation of a national policy governing the protection of historic and cultural resources.
- Establishment of a comprehensive program for identifying historic and cultural resources for listing in the National Register of Historic Places.
- Creation of a federal-state/tribal-local partnership for implementing programs established by the act.
- Requirement that federal agencies take into consideration actions that could adversely affect historic properties listed or eligible for listing on the National Register of Historic Places, known as the Section 106 Review Process.
- Establishment of the Advisory Council on Historic Preservation, which oversees federal agency responsibilities governing the Section 106 Review Process.
- Placement of specific stewardship responsibilities on federal agencies for historic properties owned or within their control (Section 110 of the NHPA).

Section 106 of the National Historic Preservation Act of 1966 (NHPA) requires federal agencies to take into account the effects of their undertakings on historic properties, and afford the Advisory Council on Historic Preservation a reasonable opportunity to comment. The historic preservation review process mandated by Section 106 is outlined in regulations issued by ACHP. Revised regulations, "Protection of Historic Properties" (36 CFR Part 800), became effective August 5, 2004, and are summarized below. The responsible federal agency first determines whether it has an undertaking that is a type of activity that could affect historic properties. Historic properties are properties that are included in the National Register of Historic Places or that meet the criteria for the National Register. If so, it must identify the appropriate State Historic Preservation Officer/Tribal Historic Preservation Officer (SHPO/THPO) to consult with during the process. It should also plan to involve the public, and identify other potential

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consulting parties. If it determines that it has no undertaking, or that its undertaking is a type of activity that has no potential to affect historic properties, the agency has no further Section 106 obligations.

Programmatic Agreement (PA)

The US Army Corps of Engineers (USACE), as the federal lead agency for CWA Section 404 permitting the water conveyance facility, is responsible for Section 106 compliance. When a project is complex, such that the normal Section 106 review process is not appropriate, the Section 106 implementing regulations (36 CFR 800.14(b)) allow for the development of a programmatic agreement (PA) to ensure Section 106 compliance. Relative to the currently proposed conveyance facility, preparation of a PA is applicable when effects on historic properties cannot be fully determined prior to approval of an undertaking (36 CFR 800.14(b)(1)(ii)), or when nonfederal parties are delegated major decision-making responsibilities (36 CFR 800.14(b)(1)(iii)).

USACE, in collaboration with DWR, is developing a draft Section 106 PA for the conveyance facility. The PA provides for the identification of historic properties within the Area of Potential Effect (APE) of the selected Project alternative prior to construction initiation, and the development of avoidance, protection, or mitigation measures for those historic properties that could be adversely affected by the Project. Treatment plans will be prepared to address impacts to NRHP-eligible archaeological, built environment, and Traditional Cultural Property (TCP) resources within the APE. The PA details how many of the day-to-day responsibilities for Section 106 compliance are delegated to DWR by USACE.

Tribal Consultation

An important element of the PA involves consultation with Native American tribes and members of the public who have a demonstrated interest in the undertaking, as required under 36 CFR 800.2(c)(2) and 36 CFR 800.2(d), respectively. Native American tribes are those tribal entities who are federally recognized (36 CFR 800.16(m)). Native American tribes who have not received federal recognition, or individuals of Native American descent who are not affiliated with any tribal organization, are considered members of the interested public, as are other entities such as historical societies, local governments, or businesses and individuals. The PA ensures that USACE will fully involve federally recognized tribes at a government-to-government level throughout the Section 106 process. Similarly, the PA delegates responsibility for consultation with tribes and individuals without federal recognition to DWR.

Participation in the Section 106 process by Native American tribes or individuals with an ancestral affiliation with the Project area is described in the PA. Native Americans will be invited to participate in the development and implementation of the terms of the PA, including inventory reports, evaluation plans and reports, and during the resolution of adverse effects through the development of treatment plans for those resources within the APE that are either exclusively or partially affiliated with prehistoric or ethnographic resources. Participation may take place during public meetings, at meetings organized only for Native American tribes as a group, or at meetings with single tribes or individuals; meetings may be informal or may be identified as formal government-to-government consultations, depending on the participants involved. Native American tribes, both federally recognized and those without federal

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recognition, and with individuals with a demonstrated ancestral tie to the project area will be invited to be concurring parties to the PA. However, these entities are not required to be concurring parties in order to participate in the processes described in the PA, and they may request to become concurring parties at any time during the process.

5. ANALYSIS OF ALTERNATIVES

The Applicant is in the process of developing an analysis of alternatives pursuant to the Section 404(b)(1) Guidelines (40 C.F.R. section 230.10(a)-(d)). The analysis of alternatives will be submitted to the Corps separate from this application.

6. 408 AUTHORIZATION

The purpose of review under Section 408 is to ensure that an action would not impair the usefulness of a federal civil work under the Corps' authority, and would not be injurious to the public interest. Specifically related to this project, the primary issue is to maintain the integrity of the SRFCP and SJRFCP and their function for flood risk reduction. Section 408 review provides that alteration of any one part of the system would not substantially increase flood risk for any part of the system.

The elements of the requester's preferred alternative for a new water conveyance facility that may trigger Section 408 permission specific to federal civil works for flood risk reduction are:

- 3 new water intake structures on the east levee of the Sacramento River, a federal project levee (part of the SRFCP)
- channel margin habitat enhancement to mitigate for habitat effects resulting from the intakes
- tunnel construction under the San Joaquin River Deep Water Channel
- Head of Old River Barrier, an in-channel structure placed between federal project levees (part of the SJRFCP)
- barge landing on the San Joaquin River Deep Water Channel

A detailed hydraulic study per Corps' standards for Section 408 NEPA analysis is not available at this time. The informational requirements under the Section 408 process necessarily includes a detailed level of engineering design, as well as a detailed level of analysis related to effects to the Corp's civil works projects and indirect hydraulic effects. The information contained in the current CEQA/NEPA documents will not fully meet this level of detail and additional informational submittals and analysis may be necessary. As a result of these submittals, prior to final 408 permission, additional NEPA compliance by the Corps may be required. It is understood that the components of the project which would require 408 authorization cannot be approved under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act until the 408 authorization is obtained.

OBJECTID *	LABEL	Type Name	Cowardin	Acres	Description	Relative Condition	Impacting Feature	latitude	longitude
422	FO-1	Forest	PFO	0.156	narrow hand along ag ditch	M	Work Area	38.41887	-121.5125
121	FO-2	Forest	PEO	0.092	narrow band along ag ditch	M	Work Area	38 / 1875	-121 5125
421	CC 1	Scrub Shrub	DSS	0.054	narrow band along ag ditch	M	Work Area	20 /170	121.5125
424	55-1	Scrub-Shrub	P33	0.034		IVI	Work Area	30.4170	-121.5102
423	55-2	Scrub-Snrub	PSS	0.049	narrow band along ag ditch	M	WORK Area	38.41771	-121.5102
418	SS-3	Scrub-Shrub	PSS	0.097	narrow band along ag ditch	M	Work Area	38.41768	-121.5116
419	SS-4	Scrub-Shrub	PSS	0.052	narrow band along ag ditch	M	Work Area	38.41757	-121.5117
417	FO-3	Forest	PFO	0.033	narrow band along ag ditch	M	Work Area	38.41749	-121.5111
473	AD-1	Agricultural Ditch	R4	1.841	narrow-riparian vegetation	М	Work Area	38.41742	-121.5102
415	SS-5	Scrub-Shrub	PSS	0.289	narrow band along ag ditch	М	Work Area	38.41694	-121.5128
416	FO-4	Forest	PEO	0.813	narrow band along ag ditch	м	Work Area	38 41667	-121 5141
410	FO 5	Forost	PEO	0.015	narrow band along ag ditch	M	Work Aroa	29 41619	121.5141
420	FO-3	Agricultural Ditah	PFO D4	0.244		IVI	Nork Area	38.41018	-121.5150
472	AD-Z	Agricultural Ditch	R4	0.143	narrow-nparian vegetation	IVI	Reusable Tunnel Material	38.40861	-121.5072
664	IC-1	Tidal Channel	RIUB	2.309	Sacramento River	Н	Intake	38.40533	-121.5145
667	TC-2	Tidal Channel	R1UB	11.903	Sacramento River	н	Work Area	38.40511	-121.5151
453	SS-6	Scrub-Shrub	PSS	0.084	medium wide along ditch	M	Transmission Line	38.40371	-121.508
363	AD-3	Agricultural Ditch	R4	0.016	narrow-riparian vegetation	M	Transmission Line	38.40364	-121.508
452	SS-7	Scrub-Shrub	PSS	0.042	medium wide along ditch	М	Transmission Line	38.40361	-121.508
75	DE-1	Depression	PUB	0.009	cutoff slough	Н	Intake	38.39952	-121.5115
449	EO-6	Forest	PEO	0 111	along cutoff slough	Н	Intake	38 39952	-121 5116
76		Doprossion	DUD	0.000	cutoff clough	 L	Work Aroa	29 20051	121.5110
76	DE-2	Depression	PUB	0.099		п	WORK Area	36.39931	-121.5115
450	FO-7	Forest	PFO	0.103	along cutoff slough	н	Work Area	38.3995	-121.5113
77	DE-3	Depression	PUB	0.116	cutoff slough	Н	Transmission Line	38.39946	-121.5087
451	FO-8	Forest	PFO	0.127	along cutoff slough	Н	Transmission Line	38.39945	-121.5087
357	AD-4	Agricultural Ditch	R4	0.046	narrow-little vegetation	L	Concrete Batch Plant	38.38247	-121.5157
358	AD-5	Agricultural Ditch	R4	0.014	narrow-little vegetation	L	Work Area	38.38223	-121.516
663	TC-4	Tidal Channel	R1UB	1.633	Sacramento River	Н	Intake	38.38203	-121.5199
355	AD-6	Agricultural Ditch	R4	0.138	narrow-little vegetation	1	Intake	38,38152	-121 517
355	AD-7	Agricultural Ditch	R/	0.130	narrow-little vegetation	1	Intake	20 2015	_171 517
550		Tidal Channel	N4	0.023		L	Mark Area	30.3813	121.517
666	10-3	Tidal Channel	RIUB	9.188	Sacramento River	н	WORK Area	38.38021	-121.5202
361	AD-8	Agricultural Ditch	R4	0.047	narrow-little vegetation	L	Work Area	38.37974	-121.5137
359	AD-9	Agricultural Ditch	R4	0.201	narrow-little vegetation	L	Intake	38.3797	-121.5158
360	AD-10	Agricultural Ditch	R4	0.085	narrow-little vegetation	L	Work Area	38.37818	-121.5162
362	AD-11	Agricultural Ditch	R4	0.238	narrow-little vegetation	L	Transmission Line	38.37688	-121.5148
412	SS-8	Scrub-Shrub	PSS	0.291	along Sacramento River	Н	Work Area	38.37304	-121.522
409	FO-9	Forest	PFO	0.385	along Sacramento River	Н	Work Area	38.37188	-121.5216
487	FM-1	Emergent Wetland	PEM	0.292	along cutoff slough	Н	Transmission Line	38 36516	-121 5131
254		Agricultural Ditch	D4	0.116	narrow riparian vogotation	N4	Work Area	20.26247	121.5151
554	AD-12	Agricultural Ditch	R4	0.110	narrow-inparian vegetation	IVI		36.30247	-121.5110
353	AD-13	Agricultural Ditch	R4	0.061	narrow-riparian vegetation	M	Iransmission Line	38.35815	-121.5168
411	55-9	Scrub-Shrub	PSS	1.350	along Sacramento River	Н	Work Area	38.35452	-121.5287
665	TC-5	Tidal Channel	R1UB	7.978	Sacramento River	Н	Work Area	38.35244	-121.5313
410	SS-10	Scrub-Shrub	PSS	1.521	along Sacramento River	Н	Intake	38.35216	-121.5311
471	AD-14	Agricultural Ditch	R4	0.042	narrow-little vegetation	L	Transmission Line	38.35122	-121.5166
662	TC-6	Tidal Channel	R1UB	2.107	Sacramento River	Н	Intake	38.35047	-121.533
464	AD-15	Agricultural Ditch	R4	0.125	narrow-little vegetation	L	Intake	38.34944	-121.5283
413	SS-11	Scrub-Shrub	PSS	0.070	along Sacramento River	н	Intake	38 34857	-121 535
415	55-11	Scrub Shrub	155	0.070	along Sacramento River		Work Aroa	20.34037	121.555
414	33-12 AD 10	Agricultural Ditch	F 33	0.090		1	Work Area	38.34840	121.5352
466	AD-16	Agricultural Ditch	R4	0.181	narrow-little vegetation	L	WORK Area	38.34799	-121.5279
467	AD-17	Agricultural Ditch	R4	0.017	narrow-little vegetation	L	Work Area	38.34655	-121.5293
465	AD-18	Agricultural Ditch	R4	0.028	narrow-little vegetation	L	Work Area	38.34622	-121.5296
84	FO-10	Forest	PFO	0.059	along Snodgrass Slough	н	Work Area	38.34514	-121.536
470	AD-19	Agricultural Ditch	R4	0.060	narrow-little vegetation	L	Transmission Line	38.34427	-121.5263
468	AD-20	Agricultural Ditch	R4	0.049	narrow-little vegetation	L	Transmission Line	38.34302	-121.5167
469	AD-21	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	38.33526	-121.5184
351	AD-22	Agricultural Ditch	R4	0.032	narrow-little vegetation	1	Transmission Line	38 32908	-121 3744
252	AD 22	Agricultural Ditch	R4	0.032	narrow little vegetation	L L	Transmission Line	28 22751	121.5744
332	AD-23	Agricultural Ditch	N4	0.037		L	Transmission Line	30.32731	-121.3170
550	AD 25	Agricultural Ditch	R4	0.031		L .		30.32018	-121.3/81
349	AD-25	Agricultural Ditch	К4	0.033	narrow-riparian vegetation	IVI		38.32199	-121.3898
347	AD-26	Agricultural Ditch	R4	0.549	narrow-some vegetation	L	Transmission Line	38.32198	-121.3862
90	DE-4	Depression	PUB	0.001	degraded	L	Transmission Line	38.32174	-121.3944
348	AD-27	Agricultural Ditch	R4	0.009	narrow-some vegetation	L	Transmission Line	38.32165	-121.3997
346	AD-28	Agricultural Ditch	R4	0.050	narrow-some vegetation	L	Transmission Line	38.32153	-121.3957
345	AD-29	Agricultural Ditch	R4	0.068	narrow-some vegetation	L	Transmission Line	38.32149	-121.3985
89	FM-2	Emergent Wetland	DEM	0.155	in ag field	1	Transmission Line	38 321/8	-121.3903
244	AD 20	Agricultural Ditch		0.100	narrow little vegetation			20 22140	121.3344
544	AD-30	Agricultural Ditti	R4	0.005		L .		20.32133	-121.4001
490	AU-31	Agricultural Ditch	K4	0.021				38.32119	-121.4111
489	EM-3	Emergent Wetland	PÉM	0.063	narrow band along ag ditch	M	Transmission Line	38.32106	-121.4237
488	AD-32	Agricultural Ditch	R4	0.236	narrow-little vegetation	L	Transmission Line	38.32102	-121.4305
342	AD-33	Agricultural Ditch	R4	0.491	narrow-some vegetation	L	Transmission Line	38.32094	-121.4308
343	AD-34	Agricultural Ditch	R4	0.097	narrow-some vegetation	L	Transmission Line	38.32093	-121.4358
341	AD-35	Agricultural Ditch	R4	0.023	narrow-some vegetation	L	Transmission Line	38.32067	-121.4389
340	AD-36	Agricultural Ditch	R4	0.023	narrow-some vegetation	1	Transmission Line	38,32056	-121 4442
01	FM-4	Emergent Wotland	DEV4	0.020	degraded	1	Transmission Line	38 27056	-121 /704
220		Agricultural Ditak		0.020	norrow little vegetation	L .		20.22020	121.4704
339	AD-37	Agricultural Ditch	K4	0.008				38.32054	-121.4387
485	AD-38	Agricultural Ditch	K4	1.597	narrow-little vegetation	L	Transmission Line	38.32048	-121.4684
10	⊦0-11	Forest	PFO	0.637	along Snodgrass Slough	н	Transmission Line	38.32034	-121.498
432	SS-13	Scrub-Shrub	PSS	0.192	medium wide along ditch	М	Transmission Line	38.32031	-121.4961
385	EM-5	Emergent Wetland	PEM	0.183	along Snodgrass Slough	Н	Transmission Line	38.32029	-121.5008
8	DE-5	Depression	PUB	0.072	pond with some vegetation	М	Transmission Line	38.32028	-121.5032
9	FO-13	Forest	PFO	0.723	along Snodgrass Slough	н	Transmission Line	38.32025	-121.5009
431	SS-14	Scrub-Shruh	PSS	0 146	along ag ditch	1	Transmission Line	38 32024	-121 4961
126		Emergent Wotland	DEM	0.275	nond with some vegetation	NA 1	Transmission Line	28 22024	-121 5021
420		Linergenit wetland	PEIVI	0.225	pond with some vegetation	IVI		30.32023	-121.5031
427	FO-12	Forest	PFO	0.345	along Shodgrass Slough	н	i ransmission Line	38.32019	-121.4993

1	FO-14	Forest	PEO	0.059	along Spodgrass Slough	н	Transmission Line	38 32013	-121 5022
		Tidal Channel	01110	2.227	Creaderess Clevel		Transmission Line	20.21701	121.5022
001	10-7		KIUB	2.227		П		36.51761	-121.5012
337	AD-40	Agricultural Ditch	R4	0.246	narrow-little vegetation	L	Reusable Tunnel Material	38.31509	-121.4972
338	AD-42	Agricultural Ditch	R4	0.106	narrow-little vegetation	L	Transmission Line	38.31467	-121.5105
462	AD-39	Agricultural Ditch	R4	0.573	narrow-riparian vegetation	М	Transmission Line	38.31385	-121.493
461	AD-41	Agricultural Ditch	R/	0 196	narrow-little vegetation	1	Reusable Tunnel Material	38 31381	-121 /06
401	AD-41		64	0.190		L		38.31381	-121.490
386	EM-7	Emergent Wetland	PEM	0.1/1	edge of I-5 pond	Н	Reusable Tunnel Material	38.30399	-121.4886
486	EM-8	Emergent Wetland	PEM	0.163	adjacent to I-5 pond	н	Reusable Tunnel Material	38.30377	-121.4877
336	AD-43	Agricultural Ditch	R4	0.024	narrow-little vegetation	L	Transmission Line	38.30258	-121.5038
2	DE-6	Depression	PLIB	11 064	I-5 nond	н	Reusable Tunnel Material	38 30185	-121 4866
2		Expression	DEM	0.042	adaa af I Caaad		Reusable Turneel Material	28,20070	121.4000
3	EIVI-9	Emergent wetland	PEIVI	0.043	eage of I-5 pond	н	Reusable Tunnel Material	38.29979	-121.4845
335	AD-44	Agricultural Ditch	R4	0.035	narrow-little vegetation	L	Transmission Line	38.29842	-121.5016
11	FO-15	Forest	PFO	0.016	narrow band-forest	М	Transmission Line	38.29449	-121.4992
430	FO-16	Forest	PFO	0.177	narrow band-forest	М	Transmission Line	38,29382	-121.499
222	AD 45	Agricultural Ditch	e	0.014	modium riporion	M	Transmission Line	29 20246	121.100
555	AD-45	Agricultural Ditch	N4	0.014	meulum-npanan	IVI		56.29540	-121.499
429	FO-17	Forest	PFO	0.083	narrow band-forest	M	Transmission Line	38.29328	-121.4989
631	TC-8	Tidal Channel	R1UB	1.514	cutoff slough	н	Transmission Line	38.29316	-121.4986
12	FO-18	Forest	PFO	0.686	narrow band-forest	М	Transmission Line	38.29231	-121.4982
367	EM-10	Emergent Wetland	PEM	0.010	edge of I-5 pond	н	Reusable Tunnel Material	38 289	-121 4757
307	LIVI-10	Emergent wettand		0.010		11	Reusable Turiner Material	20,20062	-121.4757
428	FO-19	Forest	PFO	0.504	narrow band-torest	IVI	Reusable Tunnel Material	38.28862	-121.4983
14	SS-15	Scrub-Shrub	PSS	0.009	edge I-5 pond	Н	Reusable Tunnel Material	38.28759	-121.4757
460	AD-47	Agricultural Ditch	R4	0.005	narrow-riparian vegetation	М	Fuel Station	38.28716	-121.4902
459	AD-48	Agricultural Ditch	R4	0.046	narrow-rinarian vegetation	М	Forebay/Spillway	38 28677	-121 4954
450		Agricultural Ditch	D4	0.040		NA	Forebay/Spillway	20.20077	121.4001
458	AD-49	Agricultural DITCN	K4	0.008	nanow-npanan vegetation	IVI	rorebay/splilway	30.286/2	-121.4961
456	AD-46	Agricultural Ditch	R4	0.124	narrow-riparian vegetation	M	Concrete Batch Plant	38.28653	-121.4874
15	FO-20	Forest	PFO	0.511	narrow band-forest	М	Reusable Tunnel Material	38.28645	-121.4736
13	DE-7	Depression	PUB	11.711	I-5 pond	Н	Reusable Tunnel Material	38.28641	-121.4741
22/	AD-50	Agricultural Ditch	R/	0.014	narrow-little vegetation	1	Tunnel Conveyor	38 28405	-121 /764
554		Agricultural DILCH	N4	0.014		L .		30.26405	-121.4704
463	AD-51	Agricultural Ditch	R4	0.660	narrow-little vegetation	L	Tunnel Conveyor	38.284	-121.4806
331	AD-52	Agricultural Ditch	R4	0.234	narrow-little vegetation	L	Tunnel Conveyor	38.28389	- <u>121.</u> 4782
332	AD-53	Agricultural Ditch	R4	0.347	medium-riparian	М	Reusable Tunnel Material	38.28278	-121.4695
16	FO-21	Forest	PEO	0 119	medium wide along ditch	М	Reusable Tunnel Material	38 28265	-121 4698
10	50.22	Forest	050	0.115		141	Reusable Turneel Material	20.20205	121.4030
82	FU-22	Forest	PFO	0.338	along cutoff slough	н	Reusable Tunnel Material	38.28198	-121.4972
425	EM-11	Emergent Wetland	PEM	1.852	levee on one side	М	Reusable Tunnel Material	38.28165	-121.4978
7	DE-8	Depression	PUB	0.190	ponded area in marsh	Н	Reusable Tunnel Material	38.28163	-121.4975
19	FO-23	Forest	PEO	0 199	narrow hand-forest	М	Reusable Tunnel Material	38 28128	-121 47
6	FO 24	Forest	DEO	0.002	along Spodgrass Slough	 Ц	Bargo Uploading Facility	20 20110	121 409
8	FU-24	Forest	PFU	0.092	along shougrass slough	П	Barge Unitading Facility	56.26116	-121.496
365	FO-25	Forest	PFO	0.330	levee on one side, marsh/water other	M	Reusable Tunnel Material	38.28112	-121.4974
660	TC-9	TIdal Channel	R1UB	0.593	Snodgrass Slough	Н	Barge Unloading Facility	38.28103	-121.4982
330	AD-54	Agricultural Ditch	R4	0.199	narrow-little vegetation	L	Reusable Tunnel Material	38.28089	-121.4704
366	EM-12	Emergent Wetland	DEM	0.009	levee on one side, forest on other	М	Reusable Tunnel Material	38 28076	-121 /1071
500	LIVI-12	Emergent wetland	I LIVI	0.005	levee on one side, forest on other	IVI		30.20070	-121.4571
		E t	DEO		- l C l C l				
5	FU-26	Forest	PFO	0.057	along Snodgrass Slough	Н	Reusable Tunnel Material	38.28075	-121.4973
5 630	FO-26 TC-10	Forest Tidal Channel	PFO R1UB	0.057	along Snodgrass Slough cutoff slough	H	Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061	-121.4973 -121.4967
5 630 83	FO-26 TC-10 FO-27	Forest Tidal Channel Forest	PFO R1UB PFO	0.057 0.008 0.038	along Snodgrass Slough cutoff slough along cutoff slough	<u>н</u> Н Н	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047	-121.4973 -121.4967 -121.4963
5 630 83 4	FO-26 TC-10 FO-27 FO-28	Forest Tidal Channel Forest Forest	PFO R1UB PFO PFO	0.057 0.008 0.038 0.013	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough	н Н Н Н	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034	-121.4973 -121.4967 -121.4963 -121.4963
5 630 83 4	FO-26 TC-10 FO-27 FO-28	Forest Tidal Channel Forest Forest	PFO R1UB PFO PFO	0.057 0.008 0.038 0.013	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough	н Н Н	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034	-121.4973 -121.4967 -121.4963 -121.4963
5 630 83 4 17	FO-26 TC-10 FO-27 FO-28 DE-9	Forest Tidal Channel Forest Forest Depression	PFO R1UB PFO PFO PUB	0.057 0.008 0.038 0.013 5.664	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond	н Н Н Н	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692
5 630 83 4 17 18	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13	Forest Tidal Channel Forest Forest Depression Emergent Wetland	PFO R1UB PFO PFO PUB PEM	0.057 0.008 0.038 0.013 5.664 0.921	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond	н Н Н Н Н Н	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803 38.2795	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689
5 630 83 4 17 18 457	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058	along Snodgrass Slough cutoff slough along cutoff slough long Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation	H H H H H M	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway	38.28075 38.28061 38.28047 38.28034 38.2803 38.2803 38.2795 38.27957	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4899
5 630 83 4 17 18 457 329	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation	H H H H H H L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803 38.2795 38.2795 38.27937 38.27858	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4899 -121.4667
5 630 83 4 17 18 457 329 436	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Forest	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PEO	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough	H H H H H M L H	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803 38.2795 38.27957 38.27858 38.27618	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662
5 630 83 4 17 18 457 329 436 238	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56	Forest Tidal Channel Forest Depression Emergent Wetland Agricultural Ditch Forest Agricultural Ditch	PFO R1UB PFO PUB PEM R4 R4 PFO PA	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.248	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough 1-5 pond edge of 1-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough	H H H H H H L H	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803 38.2795 38.27957 38.27957 38.27858 38.27618	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4667
5 630 83 4 17 18 457 329 436 328	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56	Forest Tidal Channel Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation	H H H H H M L H	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28061 38.28047 38.28034 38.2803 38.2795 38.2795 38.2795 38.2795 38.2795 38.27618 38.27614	-121.4973 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662 -121.468
5 630 83 4 17 18 457 329 436 328 20	TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Lake	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PFO R4 L1UB	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond	H H H H H L L H L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28047 38.28047 38.28034 38.2803 38.2795 38.27957 38.27957 38.27958 38.27618 38.27614 38.27456	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4689 -121.4667 -121.4662 -121.4684 -121.4646
5 630 83 4 17 18 457 329 436 328 20 435	TC-10 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-55 FO-29 AD-56 LA-1 FO-30	Forest Tidal Channel Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Lake Forest	PFO R1UB PFO PEM R4 R4 PFO R4 PFO R4 PFO	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough 1-5 pond edge of 1-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation 1-5 pond edge of 1-5 pond	H H H H H L H L H H	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28067 38.28047 38.28034 38.2803 38.2795 38.27937 38.27858 38.27618 38.27614 38.27614 38.27456 38.27328	-121.49/3 -121.4963 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4667 -121.4666 -121.4668 -121.4628
5 630 83 4 17 18 457 329 436 328 20 435 327	TC-10 FO-27 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58	Forest Tidal Channel Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Enrest Agricultural Ditch Lake Forest Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PFO R4 L1UB PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation	H H H H H L H L H H L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material	38.28075 38.28047 38.28034 38.28034 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.27618 38.27618 38.27456 38.27456 38.27328	-121.49/3 -121.4963 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662 -121.4664 -121.4648 -121.4628 -121.4628
5 630 83 4 17 18 457 329 436 328 20 435 327 326	TC-10 FO-27 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PUB PEM R4 R4 R4 PFO R4 L1UB PFO R4 PA	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough 1-5 pond edge of 1-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation 1-5 pond edge of 1-5 pond medium-little vegetation narrow-some vegetation	H H H H H L L H L H H L	Reusable Tunnel Material Reusable Tunnel Material Work Area	38.280/5 38.28047 38.28047 38.28034 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.27618 38.27618 38.27618 38.27518 38.27518 38.27328 38.27328 38.27328	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662 -121.4664 -121.4628 -121.4628 -121.4828
5 630 83 4 17 18 457 329 436 328 20 435 327 327 326	TC-10 FO-27 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-59	Forest Tidal Channel Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PFO R4 L1UB PFO R4 R4 R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation	H H H H H L L H H L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spilway Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Work Area	38.280/5 38.28061 38.28047 38.28034 38.2795 38.2795 38.2795 38.2795 38.27858 38.27614 38.27456 38.27456 38.27328 38.25256 38.21318	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4699 -121.4697 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-50	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PUB PEM R4 R4 PFO R4 PFO R4 R4 PFO R4 R4 R4 R4 R4 R4 R4 R4 R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.154	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation	H H H H H L L H L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay/Spillway Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area	38.280/5 38.28047 38.28047 38.28034 38.27937 38.27937 38.27858 38.27614 38.27456 38.27456 38.27456 38.27456 38.27328 38.27526 38.21318 38.21178	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662 -121.4664 -121.4646 -121.4626 -121.4626 -121.4626 -121.4826 -121.4826
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 325 324	TC-10 TC-10 FO-27 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-59 AD-59 AD-59 AD-59 AD-59 AD-50 AD-59 AD-50 AD-50 AD-55 AD-56 AD-56 AD-55 AD-56 AD-5	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PUB PEM R4 R4 PFO R4 PFO R4	0.057 0.008 0.038 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006	along Snodgrass Slough cutoff slough along cutoff slough l-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation	H H H H H L L H L H L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area	38.280/5 38.28047 38.28047 38.28034 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.2795 38.27518 38.27618 38.27618 38.27618 38.27518 37.27518 37	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4689 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4824 -121.4824 -121.4824 -121.5014 -121.5014
5 630 83 4 17 18 457 329 436 328 20 435 20 435 327 326 325 324 491	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-59 AD-60 AD-61 EM-14	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland	PFO R1UB PFO PFO PUB PEM R4 R4 R4 PFO R4 PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.154 0.011 0.149 0.006 1.213	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation in ag field	H H H H H L H H L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area	38.280/5 38.28047 38.28047 38.28034 38.27937 38.27937 38.27937 38.27618 38.27618 38.27614 38.27614 38.27614 38.27456 38.27328 38.22556 38.21318 38.21318 38.18282 38.18137	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4699 -121.4699 -121.4699 -121.4699 -121.4667 -121.4628 -121.4628 -121.4628 -121.4628 -121.4528 -121.4526 -121.5096 -121.5069
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 325 324 491 321	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch	PFO R1UB PFO PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation in ag field narrow-some vegetation	H H H H H L L H L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27614 38.27616 38.27456 38.27456 38.27456 38.27456 38.27328 38.27456 38.27328 38.27456 38.27328 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27457 38.14921 38.14921	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4689 -121.4667 -121.4667 -121.4662 -121.4664 -121.4626 -121.4626 -121.4626 -121.5014 -121.4924 -121.5014 -121.5069 -121.516
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 327 326 325 324 491 321	TC-10 TC-10 FO-27 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-63	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch	PFO R1UB PFO PUB PEM R4 R4 PFO R4 L1UB PFO R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.058 0.038 0.058 0.038 0.058 0.038 0.054 0.054 0.054 0.054 0.058 0.006 0.121 0.129 0.006 0.121 0.058 0.006 0.054 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.058 0.006 0.006 0.008 0.006 0.006 0.008 0.008 0.006 0.008 0.008 0.006 0.008 0.008 0.006 0.008 0.006 0.008 0.008 0.006 0.008 0.008 0.006 0.008 0.006 0.008 0.008 0.006 0.008 0.006 0.008 0.006 0.008 0.006 0.008 0.008 0.006 0.008 0	along Snodgrass Slough cutoff slough along cutoff slough l-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation	H H H H H L L H L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Mork Area Mork Area	38.280/5 38.28047 38.28047 38.28047 38.28034 38.2795 38.2795 38.2795 38.2795 38.27618 38.27618 38.27618 38.27618 38.27618 38.27516 38.27526 38.27328 38.27328 38.27328 38.27328 38.21318 38.21178 38.18282 38.18137 38.14921 38.14921	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4689 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.4824 -121.4824 -121.5014 -121.5016 -121.5016 -121.5019 -121.5016 -121.5019
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 20 20	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PEM PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.57	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation	H H H H H L L H H L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.2756 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27457 38.14921 38.14921 38.14921 38.14921	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4697 -121.4667 -121.4667 -121.4668 -121.4668 -121.4628 -121.4628 -121.4516 -121.5099 -121.5099 -121.516 -121.516 -121.516
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 325 324 491 321 322 323	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-63 AD-64	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PEM R4 R4 PFO R4 R4 PFO R4 PFO R4 PFO R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation	H H H H H L L H L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road	38.280/5 38.28047 38.28047 38.28034 38.27937 38.27858 38.27937 38.27858 38.27614 38.27616 38.27616 38.27456 38.27456 38.27456 38.27328 38.27456 38.27328 38.27456 38.21318 38.21178 38.18137 38.18282 38.18137 38.14921 38.14921 38.14926	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4689 -121.4667 -121.4667 -121.4662 -121.4664 -121.4626 -121.4626 -121.4626 -121.5014 -121.5096 -121.516 -121.516 -121.5186
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 325 324 491 321 322 323 320	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-59 AD-60 AD-61 EM-14 AD-62 AD-65	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.038 0.038 0.038	along Snodgrass Slough cutoff slough along cutoff slough l-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation l-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation	H H H H H L L H L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area	38.280/5 38.28047 38.28047 38.28047 38.28034 38.2795 38.2795 38.2795 38.27618 38.27618 38.27618 38.27618 38.27618 38.27516 38.27526 38.27328 38.27328 38.27328 38.21318 38.21178 38.14921 38.14921 38.14926 38.12584	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4689 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.5014 -121.5014 -121.5049 -121.5166 -121.5186 -121.5186 -121.527
5 630 83 4 17 18 457 329 436 328 20 435 327 326 327 326 325 324 491 321 322 323 320 572	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-655 SW-1	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 R4 PFO R4 PFO R4 PFO R4 PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.087 5.080	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation narrow-tittle vegetation in ag field narrow-little vegetation in ag field	H H H H H L L H L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Reas Road Nork Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Reas Road Reas Road Reas Road Reas Road Reas Road Reas Road Reas Road Reas Road Reas Road Reas Reas Road Reas Reas Reas Reas Reas Reas Reas Reas	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27614 38.27614 38.27616 38.27328 38.27614 38.27566 38.27328 38.22556 38.21318 38.21178 38.21278 38.18137 38.14921 38.1	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4697 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4516 -121.5069 -121.5069 -121.5166 -121.516 -121.516 -121.516 -121.516 -121.527 -121.5364
5 630 83 4 17 18 457 329 436 328 20 435 328 20 435 327 326 325 327 326 325 324 491 321 322 323 320 572 573	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-59 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland	PFO R1UB PFO PUB PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 5.080 0.087 5.980	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	H H H H H L L H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27616 38.27456 38.27456 38.27456 38.27328 38.27456 38.27328 38.27456 38.27328 38.27456 38.27328 38.18137 38.14921 38.14921 38.14921 38.14921 38.14926 38.12584 38.11388 38.11389	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4689 -121.4667 -121.4667 -121.4666 -121.4666 -121.4626 -121.4626 -121.4626 -121.5014 -121.5096 -121.5096 -121.516 -121.516 -121.5186 -121.517 -121.527 -121.5364 -121.537
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 573 625	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 SW-1 SW-2 SW-2	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland	PFO R1UB PFO PFO PEM R4 R4 PFO R4 PFO R4 PFO R4 PEM PEM PEM PEM PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.016 1.213 0.006 1.213 0.038 0.038 0.038 0.057 5.080 3.826 0.021 0.023 0.087 5.080 3.826 0.023 0.038 0	along Snodgrass Slough cutoff slough along cutoff slough l-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation l-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	H H H H M L H H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Mater	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27937 38.27618 38.27618 38.27618 38.27618 38.27618 38.27616 38.27548 38.27566 38.27328 38.21278 38.21278 38.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.14921 39.149211 39.149211 39.149211 3	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4699 -121.4899 -121.4899 -121.4667 -121.4662 -121.4666 -121.4628 -121.4628 -121.4528 -121.4528 -121.5016 -121.5069 -121.5166 -121.516 -121.516 -121.5164 -121.527 -121.5364 -121.5364
5 630 83 4 17 18 457 329 436 328 20 435 327 326 327 326 325 324 491 321 322 323 320 572 573 626	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-67	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 R4 PFO R4 PEM PEM R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.164 0.154 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.087 5.080 3.826 0.122	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation in ag field in ag field narrow-little vegetation	H H H H H L H H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.27526 38.27328 38.25256 38.21318 38.21178 38.18137 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11398 38.11382 38.11382	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4692 -121.4667 -121.4662 -121.4662 -121.4668 -121.4628 -121.4628 -121.4504 -121.5014 -121.5069 -121.516 -121.516 -121.516 -121.5186 -121.5333 -121.5378
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-66 AD-67 AD-66	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 5.080 3.826 0.122 0.224	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	H H H H H L L H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.27456 38.27328 38.27566 38.21318 38.27456 38.27328 38.27556 38.21318 38.21284 38.14921 38.14921 38.14926 38.12584 38.11304	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4662 -121.4666 -121.4626 -121.4626 -121.4626 -121.5014 -121.5014 -121.5096 -121.516 -121.516 -121.516 -121.5186 -121.5186 -121.5333 -121.5338 -121.5338
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 324 491 321 322 323 320 572 573 626 627 628	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 SW-1 SW-2 AD-66 AD-67 AD-66 AD-66	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.065 1.213 0.038 0.057 0.023 0.087 5.080 3.826 0.122 0.222	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation in ag field narrow-some vegetation narrow-little vegetation narrow-little vegetation in ag field in ag field in ag field narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	H H H H H L L H H L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27937 38.27618 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.25256 38.21318 38.21278 38.18282 38.18282 38.18137 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11304 38.11304 38.11304	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4699 -121.4699 -121.4699 -121.4699 -121.4620 -121.4628 -121.4628 -121.4628 -121.4628 -121.4506 -121.5016 -121.5069 -121.5069 -121.516 -121.516 -121.516 -121.533 -121.5333 -121.5332
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-30 AD-58 AD-59 AD-59 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-64 AD-65 SW-1 SW-2 AD-66 AD-66 AD-66 AD-68	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4 PFM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.087 5.080 3.826 0.122 0.224 0.224 0.224	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation	H H H H H C C C C C C C C C C C C C C C	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.27614 38.27614 38.27614 38.27614 38.27566 38.27328 38.27566 38.27328 38.27566 38.27328 38.27566 38.27328 38.27566 38.27328 38.27567 38.27567 38.27567 38.27576 38.275767 38.275767 38.14921 38.14921 38.11382 38.11382 38.11316 38.11304 38.11371 38.11925	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4963 -121.4692 -121.4692 -121.4667 -121.4662 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4504 -121.5014 -121.5069 -121.516 -121.516 -121.516 -121.5186 -121.5333 -121.5337 -121.5337 -121.5337 -121.5337
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 620	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-66 AD-67 AD-68 SW-3 AD-68 SW-3	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 5.080 3.826 0.023 0.087 5.080 3.826 0.224 0.202 0.224 0.202	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation	H H H H H L L H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27937 38.27858 38.27937 38.27858 38.27937 38.27858 38.27937 38.27858 38.27937 38.27456 38.27456 38.27456 38.27328 38.27256 38.21318 38.27456 38.27328 38.27456 38.27328 38.27456 38.27328 38.1271 38.14906 38.12584 38.11304 38.11304 38.11304 38.11304 38.11304	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4667 -121.4666 -121.4666 -121.4626 -121.4626 -121.4626 -121.5014 -121.5014 -121.5096 -121.5166 -121.5166 -121.5186 -121.5186 -121.5333 -121.5333 -121.5332 -121.5342 -121.5442 -121.54444 -121.54444 -121.54444 -121.5444444 -121.5444
5 630 83 4 17 18 457 329 436 328 20 435 327 326 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-58 AD-59 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-66 AD-67 AD-66 SW-3 AD-69	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.024 0.024 0.038 0.025 0	along Snodgrass Slough cutoff slough along cutoff slough along cutoff slough i-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-little vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation in ag field narrow-little vegetation	H H H H M L L H L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.2756 38.27328 38.25256 38.21318 38.12171 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11398 38.114	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4699 -121.4697 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4509 -121.509 -121.509 -121.516 -121.516 -121.516 -121.516 -121.517 -121.5364 -121.5378 -121.5378 -121.5322 -121.5349 -12
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-30 AD-58 AD-59 AD-59 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-64 AD-65 SW-1 SW-2 AD-66 AD-66 SW-3 AD-69 AD-70	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch	PFO R1UB PFO PFO PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 5.080 3.826 0.122 0.224 0.202 0.224 0.206 0.006 0.006 0.006	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation	H H H H H C C C C C C C C C C C C C C C	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Shaft Location/Access Road Shaft Location/Access Road	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.27456 38.27456 38.27456 38.27328 38.27456 38.27328 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.11374 38.11382 38.11376 38.110766 38.10708	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4963 -121.4692 -121.4692 -121.4667 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4826 -121.5014 -121.5069 -121.516 -121.516 -121.516 -121.516 -121.5333 -121.5337 -121.5337 -121.5349 -121.5349 -121.5349 -121.5349 -121.5340
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593	H0-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-56 AD-57 AD-56 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-66 AD-67 AD-68 SW-3 AD-69 AD-700 EM-15	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Agricultaral Ditch	PFO R1UB PFO PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 5.080 3.826 0.023 0.087 5.080 3.826 0.022 0.224 0.202 0.224 0.202 0.016 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.029 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.022 0.005 0.005 0.022 0.005 0	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation	H H H H H L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Roork Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Shaft Location/Access Road Concrete Batch Plant	38.280/5 38.28047 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27456 38.27456 38.27456 38.27328 38.27556 38.21318 38.25256 38.21318 38.14921 38.14921 38.14926 38.11304 38.10708 39.10708 39.10708 39.10708 39.10708 39.10708 39.10708 39.10708 39.1	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4689 -121.4689 -121.4667 -121.4667 -121.4666 -121.4666 -121.4626 -121.4626 -121.4626 -121.5014 -121.5014 -121.5096 -121.5096 -121.5166 -121.5166 -121.5166 -121.5186 -121.5333 -121.5333 -121.5334 -121.5340 -121.5401 -121.5401 -121.5414
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593 592	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-56 EM-13 AD-56 EM-14 AD-60 AD-61 EM-14 AD-62 AD-63 AD-65 SW-1 SW-2 AD-67 AD-667 AD-67 AD-68 SW-3 AD-69 AD-70 EM-15	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Emergent Wetland	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4 PEM PEM PEM	0.057 0.008 0.038 0.033 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.022 0.166 0.154 0.122 0.023 0.023 0.023 0.023 0.023 0.023 0.022 0.166 0.166 0.154 0.122 0.023 0.023 0.023 0.023 0.023 0.023 0.022 0.024 0.016 0.006 0.122 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.022 0.006 0.022 0.022 0.006 0	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation in ag field narrow-little vegetation in ag field narrow-little vegetation in ag field	H H H H H C C C C C C C C C C C C C C C	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Shaft Location/Access Road	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.2756 38.21318 38.25256 38.21318 38.21178 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11398 38.11391 38.11	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4692 -121.4667 -121.4667 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.5069 -121.5069 -121.5069 -121.516 -121.516 -121.516 -121.5364 -121.5378 -121.5378 -121.5378 -121.5329 -121.5349 -121.5349 -121.5344 -121.5414 -121.5414 -121.5415
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593 592 592 572	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-30 AD-56 LA-1 FO-30 AD-58 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-64 AD-65 SW-1 SW-2 AD-66 SW-3 AD-66 SW-3 AD-69 AD-70 EM-15 EM-16	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland	РFО R1UB PFO PUB PEM R4 R4 R4 PFO R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.087 5.080 3.826 0.122 0.224 0.202 0.224 0.202 0.016 0.006 0.006 2.929 0.155 0.023	along Snodgrass Slough cutoff slough along cutoff slough along sutoff slough l-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-litle vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation	H H H H H H H H H H H H H H H H H H H	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Road Road Road Road Road Road Road	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.27614 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.27456 38.11376 38.11376 38.110766 38.10708 38.10708 38.10708 38.10708	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4963 -121.4692 -121.4692 -121.4667 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4504 -121.5014 -121.5069 -121.516 -121.516 -121.516 -121.5186 -121.533 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5349 -121.5344 -121.5414 -121.5414 -121.5414 -121.5414 -121.5414
5 630 83 4 17 18 457 329 436 328 20 435 327 326 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593 592 578 572	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-56 LA-1 FO-30 AD-56 LA-1 FO-30 AD-56 LA-1 FO-30 AD-56 SW-1 SW-2 AD-61 EM-14 AD-62 AD-63 SW-1 SW-2 AD-66 AD-66 AD-66 AD-66 AD-66 SW-3 AD-66 AD-66 AD-66 AD-67 AD-68 SW-3 AD-70 EM-15 EM-16 AD-71	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch	PFO R1UB PFO PEM R4 R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 R4 <	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.087 0.023 0.087 5.080 3.826 0.023 0.224 0.202 0.155 0.023 0.23 0.23 0.55 0.023 0.055 0.023 0.555 0.023 0.555 0.023 0.555 0.023 0.555 0.023 0.555 0.023 0.555 0.05	along Snodgrass Slough cutoff slough along cutoff slough along sunodgrass Slough 1-5 pond edge of 1-5 pond narrow-riparian vegetation narrow-some vegetation narrow-some vegetation 1-5 pond edge of 1-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation	H H H H H H H H H H L H H L L H L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Road Road Road Road Road Road Road	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27937 38.27937 38.27618 38.27937 38.27618 38.27618 38.27618 38.27618 38.27618 38.27618 38.27584 38.21318 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11304 38.11304 38.11304 38.11304 38.11304 38.11304 38.10768 38.10708 38.10078 39.10078 30.10078 30.10078 30.1	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4699 -121.4699 -121.4699 -121.4699 -121.4692 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628 -121.5014 -121.5016 -121.5069 -121.5069 -121.516 -121.516 -121.516 -121.533 -121.5364 -121.533 -121.5364 -121.537 -121.5344 -121.5341 -121.5414 -121.5414 -121.5414
5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593 592 578 591	FO-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-57 AD-55 FO-29 AD-56 LA-1 FO-30 AD-55 GE-9 EM-13 AD-57 AD-53 AD-59 AD-60 AD-61 EM-14 AD-62 AD-63 AD-64 AD-65 SW-2 AD-66 AD-67 AD-66 AD-69 AD-70 EM-15 EM-16 AD-71 EM-17	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland	PFO R1UB PFO PFO PUB PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4 PFO R4 PEM R4 R4 R4 R4 PEM R4 PEM </td <td>0.057 0.008 0.038 0.033 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.154 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.023 0.826 0.122 0.224 0.224 0.224 0.224 0.222 0.224 0.223 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.023 1.765</td> <td>along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-some vegetation in ag field narrow-some vegetation in ag field</td> <td>H H H H H H H L H L L H L L L L L L L L</td> <td>Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Road Reusable Tunnel Material</td> <td>38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.25256 38.21318 38.21178 38.25256 38.21318 38.21258 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.10202 38.10093 38.10023</td> <td>-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4692 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628 -121.5069 -121.5069 -121.5166 -121.5166 -121.5186 -121.5333 -121.5333 -121.5334 -121.5349 -121.5349 -121.5349 -121.5425 -121.5425 -121.5425 -121.5425 -121.5425 -121.5425</td>	0.057 0.008 0.038 0.033 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.154 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.023 0.826 0.122 0.224 0.224 0.224 0.224 0.222 0.224 0.223 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.023 1.765	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-some vegetation in ag field narrow-some vegetation in ag field	H H H H H H H L H L L H L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Work Area Work Area Work Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Interchange Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Road Reusable Tunnel Material	38.280/5 38.28047 38.28047 38.28047 38.2803 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.25256 38.21318 38.21178 38.25256 38.21318 38.21258 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.11398 38.10202 38.10093 38.10023	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4692 -121.4667 -121.4662 -121.4662 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628 -121.5069 -121.5069 -121.5166 -121.5166 -121.5186 -121.5333 -121.5333 -121.5334 -121.5349 -121.5349 -121.5349 -121.5425 -121.5425 -121.5425 -121.5425 -121.5425 -121.5425
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5 630 83 4 17 18 457 329 436 328 20 435 327 326 325 324 491 321 322 323 320 572 573 626 627 628 571 629 625 593 592 578 591 621 570 623 624 569 622 619 522 629 622 619 522 522 522 523 523 524 525 527 527 527 527 527 527 527	H0-26 TC-10 FO-27 FO-28 DE-9 EM-13 AD-55 FO-29 AD-55 FO-29 AD-56 LA-1 FO-30 AD-55 EM-13 AD-56 LA-1 FO-30 AD-58 AD-59 AD-61 EM-14 AD-62 AD-63 AD-64 AD-65 SW-1 SW-2 AD-66 AD-66 AD-68 SW-3 AD-69 AD-70 EM-16 AD-71 EM-17 AD-72 SW-4 AD-73 AD-74 SW-5 AD-75 AD-76	Forest Tidal Channel Forest Forest Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Lake Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Sea	PFO R1UB PFO PFO PEM R4 R4 R4 PFO R4 R4 PFO R4 PEM R4 R4 R4 PEM R4 PEM R4	0.057 0.008 0.038 0.013 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.149 0.006 1.213 0.038 0.057 0.023 0.087 5.080 3.826 0.122 0.224 0.224 0.202 0.224 0.202 0.224 0.222 0.224 0.222 0.224 0.222 0.224 0.202 0.016 0.006 2.929 0.155 0.028 2.469 0.057 0.028 2.469 0.057 0.028 2.469 0.057 0.028 2.469 0.057 0.028 1.765 0.028 2.469 0.057 0.028 1.765 0.028 0.057 0.028 0.028 0.027 0.028 0.028 0.027 0.028 0.028 0.028 0.027 0.028 0	along Snodgrass Slough cutoff slough along cutoff slough along snodgrass Slough 1-5 pond edge of 1-5 pond narrow-some vegetation along Snodgrass Slough narrow-some vegetation 1-5 pond edge of 1-5 pond medium-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation in ag field narrow-little vegetation in ag field	H H H H H H H H H H H H H H H H H H H	Reusable Tunnel Material Reusable Tunnel Material Roda Interchange Road Interchange Road Interchange Road Interchange Road Interchange Road Interchange Road Interchange Road Interchange Road Interchange Road Interchange Shaft Location/Access Road Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material	38.280/5 38.28047 38.28047 38.28047 38.28047 38.27937 38.27858 38.27937 38.27858 38.27614 38.27614 38.27616 38.27568 38.27568 38.27328 38.27568 38.27328 38.27568 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.27328 38.11370 38.11370 38.11370 38.11370 38.110708 38.10021 38.10021 38.10021 38.10021 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.10023 38.00932 38.00933 38.00932 38.009333 38.009333 38.009333 38.009333 38.009333 38.009333 38.00	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4692 -121.4692 -121.4667 -121.4662 -121.4666 -121.4628 -121.4628 -121.4628 -121.4628 -121.5014 -121.5019 -121.5069 -121.516 -121.516 -121.516 -121.5333 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5378 -121.5344 -121.5429 -12
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Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Di	PFO R1UB PFO PFO PEM R4 R4 PFO R4 R4 PFO R4 R4 PFO R4 PEM R4 R4 R4 PEM R4 <td>0.057 0.008 0.038 0.033 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.166 0.154 0.011 0.149 0.066 0.121 0.038 0.057 0.023 0.027 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.022 0.155 0.023 1.765 0.023 1.765 0.028 2.448 0.057 0.019 0.661 0.068 0.448 0.104 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.065 0.028 0.028 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.057 0.019 0.066 0.064 0.065 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.028 0.057 0.019 0.066 0.064 0.065 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.028 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.057 0.019 0.066 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.028 0.057 0.019 0.057 0.057 0.057 0.057 0.057 0.057 0.057 0</td> <td>along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation in ag field narrow-little vegetation narrow-little vegetation in ag field narrow-little vegetation in ag field</td> <td>H H H H H H H H H H H H H H H H H H H</td> <td>Reusable Tunnel Material Reusable Tunnel Material Roork Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Int</td> <td>38.280/5 38.28047 38.28047 38.28047 38.28047 38.2803 38.27937 38.27937 38.27618 38.27614 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.2756 38.27328 38.25256 38.21318 38.21318 38.12178 38.14920 38.14920 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11344 38.11344 38.11344 38.11344 38.11304 38.10022 38.10766 38.10029 38.10029 38.10029 38.09992 38.09923 38.09727 38.09631 38.09542 38.09545 38.09542 38.095</td> <td>-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4699 -121.4699 -121.4699 -121.4699 -121.4620 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628 -121.4506 -121.5069 -121.5069 -121.5069 -121.516 -121.516 -121.516 -121.533 -121.5333 -121.5334 -121.5344 -121.5414 -121.5414 -121.5414 -121.5425 -121.5428 -121.5428 -121.5428 -121.5428 -121.5429</td>	0.057 0.008 0.038 0.033 5.664 0.921 1.058 0.021 1.207 0.348 23.241 0.166 0.154 0.011 0.166 0.154 0.011 0.149 0.066 0.121 0.038 0.057 0.023 0.027 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.006 0.022 0.155 0.023 1.765 0.023 1.765 0.028 2.448 0.057 0.019 0.661 0.068 0.448 0.104 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.064 0.065 0.028 0.028 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.057 0.019 0.066 0.064 0.065 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.028 0.057 0.019 0.066 0.064 0.065 0.028 0.028 0.057 0.019 0.065 0.028 0.028 0.028 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.066 0.057 0.019 0.057 0.019 0.066 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.019 0.057 0.028 0.057 0.019 0.057 0.057 0.057 0.057 0.057 0.057 0.057 0	along Snodgrass Slough cutoff slough along cutoff slough along Snodgrass Slough I-5 pond edge of I-5 pond narrow-riparian vegetation narrow-some vegetation along Snodgrass Slough narrow-some vegetation I-5 pond edge of I-5 pond medium-little vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation in ag field narrow-little vegetation narrow-little vegetation in ag field narrow-little vegetation in ag field	H H H H H H H H H H H H H H H H H H H	Reusable Tunnel Material Reusable Tunnel Material Roork Area Work Area Work Area Shaft Location/Access Road Work Area Road Interchange Road Int	38.280/5 38.28047 38.28047 38.28047 38.28047 38.2803 38.27937 38.27937 38.27618 38.27614 38.27614 38.27614 38.27614 38.27614 38.2756 38.27328 38.2756 38.27328 38.25256 38.21318 38.21318 38.12178 38.14920 38.14920 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.14921 38.11344 38.11344 38.11344 38.11344 38.11304 38.10022 38.10766 38.10029 38.10029 38.10029 38.09992 38.09923 38.09727 38.09631 38.09542 38.09545 38.09542 38.095	-121.49/3 -121.4967 -121.4963 -121.4963 -121.4692 -121.4692 -121.4699 -121.4699 -121.4699 -121.4699 -121.4620 -121.4628 -121.4628 -121.4628 -121.4628 -121.4628 -121.4506 -121.5069 -121.5069 -121.5069 -121.516 -121.516 -121.516 -121.533 -121.5333 -121.5334 -121.5344 -121.5414 -121.5414 -121.5414 -121.5425 -121.5428 -121.5428 -121.5428 -121.5428 -121.5429

520	SW-6	Seasonal Wetland	DEM	10/12/	in ag field	1	Reusable Tunnel Material	38 00518	-121 5233
525	500-0			10.424		L		30.00510	-121.5255
589	EMI-20	Emergent Wetland	PEM	2.909	in ag field	L	Reusable Tunnel Material	38.09509	-121.5419
565	SW-7	Seasonal Wetland	PEM	1.789	in ag field	L	Reusable Tunnel Material	38.09452	-121.5338
613	AD-77	Agricultural Ditch	R/I	0 112	narrow-some vegetation	1	Rousable Tunnel Material	38 00/38	-121 5315
015		Agricultural Diteri	114	0.112		L		30.03430	-121.5515
567	SW-8	Seasonal Wetland	PEM	8.036	in ag field	L	Reusable Tunnel Material	38.09422	-121.5359
612	AD-78	Agricultural Ditch	R4	0.124	narrow-some vegetation	L	Reusable Tunnel Material	38.09421	-121.5276
616	ΔD-79	Agricultural Ditch	R4	0 146	narrow-some vegetation	1	Reusable Tunnel Material	38 0942	-121 5296
010	AD-75		N4	0.140		L		30.0342	-121.5250
620	AD-84	Agricultural Ditch	R4	0.351	narrow-little vegetation	L	Reusable Tunnel Material	38.09415	-121.511
617	AD-80	Agricultural Ditch	R4	0.167	narrow-some vegetation	L	Reusable Tunnel Material	38.09394	-121.5255
564	S\M/_Q	Seasonal Wetland	DEM	0 310	in ag field	1	Reusable Tunnel Material	38 00381	-121 5093
304	300-9		FLIVI	0.319	in ag neiu	L		38.09381	-121.3093
618	AD-81	Agricultural Ditch	R4	0.189	narrow-little vegetation	L	Reusable Tunnel Material	38.09367	-121.5216
566	SW-11	Seasonal Wetland	PEM	9,487	in ag field	L	Reusable Tunnel Material	38.09359	-121.5027
611	40.92	Agricultural Ditch	D.4	0.122	narrow come vegetation	-	Rousable Tuppel Material	28.00250	121 5225
011	AD-82	Agricultural Ditch	K4	0.123	narrow-some vegetation	L	Reusable Tunnel Material	38.09359	-121.5235
568	SW-10	Seasonal Wetland	PEM	34.256	in ag field	L	Reusable Tunnel Material	38.09356	-121.5171
615	AD-83	Agricultural Ditch	R4	0 204	narrow-some vegetation		Reusable Tunnel Material	38 09352	-121 5371
515	CIN 42		DENA	0.201	in an Cold	-	Description Terroritation	20.00002	1210571
561	SW-13	Seasonal Wetland	PEIN	0.326	in ag field	L	Reusable Tunnel Material	38.09286	-121.529
560	SW-12	Seasonal Wetland	PEM	0.900	in ag field	L	Reusable Tunnel Material	38.09283	-121.5102
562	SW-14	Seasonal Wetland	PEM	0.850	in ag field	1	Reusable Tunnel Material	38 0928	-121 5302
502	011 40		DENA	4.400	in og field	-	Describe Tannel Material	20.00277	121.5502
563	SW-16	Seasonal Wetland	PEIVI	1.100	in ag field	L	Reusable Tunnel Material	38.09277	-121.5141
558	SW-15	Seasonal Wetland	PEM	0.260	in ag field	L	Reusable Tunnel Material	38.09273	-121.5316
587	FM-21	Emergent Wetland	PEM	0.429	in ag field	1	Reusable Tunnel Material	38 09255	-121 5007
507				0.425		L .		30.05255	-121.5007
614	AD-85	Agricultural Ditch	R4	0.246	narrow-little vegetation	L	Reusable Tunnel Material	38.09226	-121.5057
586	EM-22	Emergent Wetland	PEM	0.290	in ag field	L	Reusable Tunnel Material	38.09212	-121.5023
556	SW/ 17	Soconal Wotland	DEM	0.622	in ag field	1	Pousable Tunnel Material	20 00202	121 5122
550	5VV-1/		F ÉIVI	0.055		L		30.09202	-121.3123
557	SW-18	Seasonal Wetland	PEM	3.582	in ag field	L	Reusable Tunnel Material	38.09182	-121.5184
555	SW-19	Seasonal Wetland	PEM	0.216	in ag field	L	Reusable Tunnel Material	38.09171	-121.526
EEO	S\A/ 24	Soconal Matters	DEMA	E 640	in ag field	-	Pousable Tunnel Material	20 00125	101 5054
222	300-24	Seasonal Wetland	PEIVI	5.040		L	neusable runnel Material	20103132	-121.5351
553	SW-20	Seasonal Wetland	PEM	0.347	in ag field	L	Reusable Tunnel Material	38.09128	-121.5138
552	SW-21	Seasonal Wetland	PEM	0 602	in ag field	I	Reusable Tunnel Material	38 09122	-121 5238
552	SW 22	Casesanal Monthan 1		1 200	in an field		Deveeble Tunner Material	20.001122	121.5250
554	5W-22	Seasonal Wetland	PEM	1.299	in ag tield	L	Reusable Tunnel Material	38.09116	-121.5224
551	SW-23	Seasonal Wetland	PEM	0.918	in ag field	L	Reusable Tunnel Material	38.09085	-121.5241
550	\$\\/_25	Seasonal Wetland	DEM	0 208	in ag field	1	Rousable Tunnel Material	38 00071	-121 5215
550	500-25			0.250		L		38.05071	-121.5215
577	AD-86	Agricultural Ditch	R4	2.794	narrow-little vegetation	L	Reusable Tunnel Material	38.09063	-121.5137
585	EM-23	Emergent Wetland	PEM	0.742	in ag field	L	Reusable Tunnel Material	38.09024	-121.5362
E 4 9	SW 26	Concornal Wotland	DEM	0.550	in ag field	-	Rousable Tuppel Material	28.00017	121 5209
548	SVV-20	seasonal wetland	PEIVI	0.550	in ag heid	L	Reusable Tunnel Material	38.09017	-121.5208
547	SW-27	Seasonal Wetland	PEM	0.724	in ag field	L	Reusable Tunnel Material	38.09008	-121.5183
546	SW-28	Seasonal Wetland	PEM	0.313	in ag field	L	Reusable Tunnel Material	38.08979	-121.5375
510	C11/ 20		DENA	0.010	in og field	-	Describe Tannel Material	20.00047	121.5575
549	SW-29	Seasonal Wetland	PEIN	3.637	in ag field	L	Reusable Tunnel Material	38.08947	-121.5444
581	EM-24	Emergent Wetland	PEM	2.576	in ag field	L	Reusable Tunnel Material	38.08842	-121.5444
580	FM-25	Emergent Wetland	PEM	5 478	in ag field	1	Reusable Tunnel Material	38 08809	-121 5049
500	CIW 20	Conceptibility of the set	DENA	3.470	in ug nelu	-	Describle Turner Material	30.00003	121.5045
545	SW-30	Seasonal Wetland	PEM	3.152	in ag field	L	Reusable Tunnel Material	38.08801	-121.5169
650	TC-11	Tidal Channel	R1UB	1.211	Potato Slough	н	Reusable Tunnel Material	38.08779	-121.5447
652	TC 12	Tidal Channel	D111D	4 965	Potato Slough	Ц	Pargo Uploading Eacility	20 00766	121 5/52
032	10-12		RIOB	4.903		11	barge officialing Facility	38.08700	-121.3433
583	EM-26	Emergent Wetland	PEM	0.419	in ag field	L	Reusable Tunnel Material	38.08749	-121.5427
582	EM-28	Emergent Wetland	PEM	4.659	in ag field	L	Reusable Tunnel Material	38.08724	-121.5405
EQA	EN4 27	Emorgont Wotland	DEM	0.024	in ag field		Transmission Line	20 00724	121 5425
584	EIVI-27	Emergent wetland	PEIVI	0.024	in ag neid	L	Transmission Line	38.08724	-121.5425
544	SW-31	Seasonal Wetland	PEM	0.451	in ag field	L	Reusable Tunnel Material	38.08715	-121.5078
651	TC-13	Tidal Channel	R1UB	0 131	Potato Slough	Н	Reusable Tunnel Material	38 08678	-121 5427
E 40	CW 22	Concernel Michland	DEM	1 (40	in an field		Deveable Turnel Meterial	30.00010	121.51.27
543	SVV-32	Seasonal wetland	PEIVI	1.640	in ag neid	L	Reusable Tunnel Material	38.08015	-121.5149
542	SW-33	Seasonal Wetland	PEM	1.099	in ag field	L	Reusable Tunnel Material	38.08479	-121.506
55	FM-29	Emergent Wetland	PEM	2 868	on instream island	н	Transmission Line	38 0842	-121 5426
55	EIVI 25		I EIVI	2.000				30.0042	121.5420
540	SW-34	Seasonal Wetland	PEM	0.244	in ag field	L	Reusable Tunnel Material	38.08392	-121.5077
541	SW-35	Seasonal Wetland	PEM	0.838	in ag field	L	Reusable Tunnel Material	38.08379	-121.5129
600	AD-88	Agricultural Ditch	R1	0.080	narrow-some vegetation	I	Reusable Tunnel Material	38 08332	-121 506
003	7.0-00		114	0.000		L		30.00332	-121.300
653	IC-14	Lidal Channel	R1UB	5.025	Potato Slough	Н	Transmission Line	38.08319	-121.5427
610	AD-87	Agricultural Ditch	R4	0.594	narrow-some vegetation				
520	SW-36	Seasonal Motland	DEMA	0.609	in a field	L	Reusable Lunnel Material	38.0831	-121.5074
550	300-30	Scasonal welldild	E 1 11/1		in ag tield	L I	Reusable Tunnel Material	38.0831	-121.5074
539	SW-37	Constant Little of the	0.51	0.008	in ag field	L	Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829	-121.5074 -121.5127
608		Seasonal Wetland	PEM	3.586	in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246	-121.5074 -121.5127 -121.51
	AD-89	Seasonal Wetland Agricultural Ditch	PEM R4	3.586 0.040	in ag field narrow-some vegetation	L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063	-121.5074 -121.5127 -121.51 -121.5049
400	AD-89	Seasonal Wetland Agricultural Ditch	PEM R4	3.586 0.040	in ag field in ag field narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063	-121.5074 -121.5127 -121.51 -121.5049
492	AD-89 SW-38	Seasonal Wetland Agricultural Ditch Seasonal Wetland	PEM R4 PEM	3.586 0.040 0.430	in ag field in ag field narrow-some vegetation in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.08246 38.08063 38.0798	-121.5074 -121.5127 -121.51 -121.5049 -121.5427
492 607	AD-89 SW-38 AD-90	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch	PEM R4 PEM R4	3.586 0.040 0.430 0.065	in ag field narrow-some vegetation in ag field narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07961	-121.5074 -121.5127 -121.51 -121.5049 -121.5427 -121.5064
492 607 319	AD-89 SW-38 AD-90 AD-91	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 R4	0.008 3.586 0.040 0.430 0.065 0.040	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.08246 38.08063 38.0798 38.07961 38.07956	-121.5074 -121.5127 -121.51 -121.5049 -121.5427 -121.5064 -121.5427
492 607 319	AD-89 SW-38 AD-90 AD-91	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 R4 R4	0.008 3.586 0.040 0.430 0.065 0.040	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.08246 38.08063 38.0798 38.07961 38.07956	-121.5074 -121.5127 -121.51 -121.5049 -121.5427 -121.5064 -121.5427
492 607 319 579	AD-89 SW-38 AD-90 AD-91 EM-30	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland	PEM R4 PEM R4 R4 PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07961 38.07956 38.07955	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5064 -121.5427 -121.5025
492 607 319 579 536	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland	PEM R4 PEM R4 R4 PEM PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07956 38.07955 38.07922	-121.5074 -121.5127 -121.51 -121.5049 -121.5427 -121.5064 -121.5427 -121.5025 -121.5043
492 607 319 579 536 537	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland	PEM R4 PEM R4 R4 R4 PEM PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07961 38.07956 38.07955 38.07922 38.07922	-121.5074 -121.5127 -121.5049 -121.5049 -121.5064 -121.5025 -121.5023 -121.5043 -121.5077
492 607 319 579 536 537	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 CW 41	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland	PEM PEM R4 PEM PEM PEM PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07956 38.07955 38.07952 38.07922 38.07922	-121.5074 -121.5127 -121.51 -121.5049 -121.5049 -121.5044 -121.5047 -121.5025 -121.5047 -121.5047 -121.5047
492 607 319 579 536 537 535	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland	PEM PEM R4 PEM R4 R4 PEM PEM PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag field in ag field in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.07961 38.07956 38.07955 38.07955 38.07922 38.07922	-121.5074 -121.5127 -121.51 -121.5049 -121.5064 -121.5064 -121.5025 -121.5043 -121.5077 -121.5081
492 607 319 579 536 537 535 606	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-40 SW-41 AD-92	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch	PEM R4 PEM R4 R4 PEM PEM PEM R4	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag field in ag field in ag field n ag field narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.0798 38.0798 38.07956 38.07955 38.07952 38.07922 38.0784 38.0784	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5064 -121.5025 -121.5025 -121.5025 -121.5077 -121.5081 -121.5056
492 607 319 579 536 537 535 606 318	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-92 AD-93	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 R4 PEM PEM PEM PEM R4 R4	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.07961 38.07956 38.07955 38.07955 38.07922 38.07922 38.07821 38.07821 38.07821 38.07821	-121.5074 -121.5127 -121.51 -121.5049 -121.5427 -121.5064 -121.5025 -121.5043 -121.5043 -121.5043 -121.5056 -121.5056
492 607 319 579 536 537 535 606 318	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 autor	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 R4 PEM PEM PEM R4 R4 R4	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.0824 38.08063 38.0798 38.0795 38.07955 38.07952 38.07922 38.0784 38.0784 38.07821	-121.5074 -121.5127 -121.5049 -121.5049 -121.5044 -121.5064 -121.5027 -121.5043 -121.5043 -121.5077 -121.5081 -121.5056 -121.5428
492 607 319 579 536 537 535 606 318 534	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland	PEM R4 PEM R4 R4 PEM PEM PEM R4 R4 R4 PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material	38.0831 38.0829 38.08246 38.07961 38.07961 38.07955 38.07955 38.07922 38.07922 38.07922 38.07821 38.07798 38.07798	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5047 -121.5025 -121.5043 -121.5043 -121.5043 -121.5056 -121.5056 -121.5428 -121.5077
492 607 319 536 537 535 606 318 534 533	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-92 AD-93 SW-42 SW-43	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM	0.008 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.0824 38.08063 38.0798 38.07956 38.07955 38.07952 38.07922 38.0784 38.07821 38.07788 38.07756	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5064 -121.5064 -121.5043 -121.5043 -121.5043 -121.5071 -121.5071 -121.5071
492 607 319 579 536 537 535 606 318 534 533 533	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 R4 PEM PEM PEM R4 R4 R4 PEM PEM	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.155	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field in ag field in ag field	L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.0826 38.08063 38.0798 38.07955 38.07955 38.07922 38.07922 38.07922 38.0784 38.07784 38.07756	-121.5074 -121.5127 -121.51 -121.5049 -121.5049 -121.5049 -121.5025 -121.5025 -121.5043 -121.5077 -121.5056 -121.5076 -121.5077 -121.5077 -121.5077
492 607 319 579 536 537 535 606 318 534 533 532	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field	L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08063 38.0798 38.07956 38.07955 38.07922 38.07822 38.0784 38.07784 38.07764 38.07766 38.07756	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5042 -121.5043 -121.5043 -121.5043 -121.5081 -121.5081 -121.5081 -121.5077 -121.5071 -121.5071 -121.5038
492 607 319 579 536 537 535 606 318 534 533 533 532 605	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-42 SW-44 AD-94	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.092	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field in ag field in ag field narrow-some vegetation	L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.0824 38.0824 38.0798 38.0798 38.0795 38.07955 38.07952 38.07922 38.0784 38.07784 38.07755 38.07735 38.07735 38.07735	-121.5074 -121.5127 -121.51 -121.5049 -121.5049 -121.5047 -121.5025 -121.5025 -121.5043 -121.5078 -121.5078 -121.5077 -121.5078 -121.5078 -121.5078 -121.5078 -121.5078
492 607 319 579 536 537 535 606 318 534 533 532 605 493	AD-89 SW-38 AD-90 EM-30 SW-39 SW-40 SW-41 AD-92 AD-92 SW-42 SW-42 SW-43 SW-44 AD-94 SW-45	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM PEM PEM PEM R4 R4 PEM R4 PEM R4 PEM PEM PEM PEM PEM	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.604 0.097 0.155 0.611 0.227 0.165 0.092 0.226	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag fie	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.08246 38.0798 38.07985 38.07955 38.07952 38.07922 38.0784 38.07841 38.07784 38.07756 38.07756 38.07735 38.07697	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5049 -121.5042 -121.5043 -121.5043 -121.5043 -121.5056 -121.5056 -121.5428 -121.5077 -121.5038 -121.5058
492 607 319 536 537 535 606 318 534 533 532 605 493 532	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44 AD-94 SW-45 SW-45 SW-45	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland	PEM R4 PEM R4 R4 PEM PEM PEM R4 R4 R4 PEM PEM R4 PEM R4 PEM	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.092 0.255	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.0824 38.08263 38.07956 38.07956 38.07952 38.07952 38.07822 38.0784 38.07754 38.07756 38.07755 38.07699 38.07699	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5047 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5056 -121.5071 -121.5071 -121.5071 -121.5073 -121.5072 -
492 607 319 579 536 537 535 606 318 534 533 532 605 493 531	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-42 SW-43 SW-44 AD-94 SW-45 SW-46	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM R4 PEM R4 PEM R4 PEM R4 PEM	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.627 0.65 0.092 0.226 0.076	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material	38.0831 38.0829 38.08246 38.0798 38.0798 38.07955 38.07955 38.07922 38.07922 38.07821 38.0784 38.07798 38.07798 38.07798 38.07756 38.07759 38.07697 38.07697	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5049 -121.5043 -121.5043 -121.5043 -121.5043 -121.5056 -121.5428 -121.5077 -121.5071 -121.5071 -121.5052 -121.5052 -121.5054
492 607 319 579 536 537 535 606 318 534 533 532 605 493 531 317	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44 AD-94 SW-45 SW-46 AD-95	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM R4 R4 R4 R4 R4 R4 R4 R4 R4 PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.092 0.226 0.026 0.056	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag fi	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.0824 38.0824 38.0798 38.0795 38.07955 38.07952 38.07821 38.07821 38.07784 38.07756 38.07764 38.07674 38.07674	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5047 -121.5043 -121.5043 -121.5043 -121.5043 -121.5081 -121.5081 -121.5077 -121.5077 -121.5071 -121.5028 -121.5042 -121.5042 -121.5042
492 607 319 579 536 537 535 606 318 533 532 605 493 531 317 604	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-39 SW-41 AD-92 AD-93 SW-41 AD-93 SW-42 SW-44 AD-93 SW-44 SW-44 AD-94 SW-45 SW-46 AD-95 AD-96	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.097 0.155 0.611 0.227 0.165 0.092 0.226 0.076 0.055	in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field narrow-some vegetation in ag field in ag field in ag field in ag field in ag field in ag field in ag field	L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material	38.0831 38.0829 38.0824 38.0824 38.0798 38.0798 38.0795 38.07955 38.07952 38.07922 38.0784 38.0784 38.07735 38.07735 38.07639 38.0764 38.0764	-121.5074 -121.5127 -121.514 -121.5049 -121.5049 -121.5049 -121.5025 -121.5025 -121.5043 -121.5077 -121.5056 -121.5077 -121.5077 -121.5078 -121.5077 -121.5078 -121.5078 -121.5052 -121.504 -121.504 -121.504
492 607 319 579 536 537 535 606 318 534 533 532 605 493 531 317 604	AD-89 SW-38 AD-90 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44 AD-94 SW-44 SW-45 SW-46 AD-95 AD-96 AD-96	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM PEM PEM R4 PEM PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.611 0.227 0.165 0.092 0.226 0.076 0.056 0.056 0.065 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.056 0.057 0.057 0.057 0.057 0.040 0.057 0.942 0.558 0.942 0.558 0.942 0.558 0.942 0.558 0.942 0.558 0.942 0.558 0.942 0.558 0.942 0.558 0.557 0.942 0.558 0.557 0.942 0.558 0.557 0.942 0.558 0.575 0.557 0.557 0.557 0.557 0.557 0.557 0.557 0.557 0.557 0.557 0.557 0.555 0.557 0.555 0.557 0.555 0.557 0.555 0.557 0.555 0.	In ag field in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag fi	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.0824 38.0826 38.0798 38.07956 38.07955 38.07952 38.07922 38.0784 38.07784 38.07784 38.07756 38.07764 38.07767 38.07674 38.07674 38.07674 38.07674 38.07674	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5049 -121.5043 -121.5025 -121.5043 -121.5043 -121.5081 -121.5081 -121.5088 -121.5077 -121.5071 -121.5073 -121.5073 -121.5074 -121.5045 -121.5425 -121.5425 -121.5427 -121.5477 -121.5477 -121.54777 -121.547777 -121.54777777777777777777777777777777777777
492 607 319 579 536 537 535 606 318 533 532 605 493 531 317 604 316	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-39 SW-40 SW-41 AD-92 AD-93 SW-44 AD-93 SW-42 SW-43 SW-44 AD-94 SW-45 SW-46 AD-95 AD-96 AD-97	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 PEM PEM PEM PEM PEM R4 R4 PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.165 0.611 0.227 0.165 0.092 0.226 0.076 0.055 0.023	in ag field in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag fi		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.0824 38.0826 38.0796 38.0795 38.07955 38.07952 38.07922 38.0784 38.0784 38.07756 38.07756 38.07756 38.07755 38.07699 38.07697 38.0764 38.0764 38.07612 38.07561	-121.5074 -121.5127 -121.514 -121.5049 -121.5049 -121.5025 -121.5025 -121.5025 -121.5073 -121.5077 -121.5076 -121.5077 -121.5078 -121.5078 -121.5078 -121.5078 -121.5078 -121.5052 -121.5072 -121.50
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492 607 319 579 536 537 535 606 318 534 533 532 605 493 531 317 604 316 315	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44 AD-94 SW-45 SW-46 AD-95 AD-96 AD-97 AD-98 SW-47 SW-47	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	PEM R4 PEM R4 PEM PEM PEM PEM PEM PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.092 0.226 0.026 0.026 0.065 0.023 0.223 0.223 0.223	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag fi	L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Transmission Line Transmission Line	38.0831 38.0829 38.0824 38.0826 38.0798 38.0795 38.07955 38.07955 38.07922 38.0784 38.07821 38.07784 38.07764 38.07764 38.07674 38.07644 38.07644 38.07641 38.07641 38.07440	-121.5074 -121.5127 -121.512 -121.5049 -121.5049 -121.5047 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5043 -121.5077 -121.5077 -121.5077 -121.5077 -121.5072 -121.5042 -121.50
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492 607 319 579 536 537 535 606 318 533 532 605 493 531 317 604 316 315 494 530 310	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-44 AD-93 SW-44 AD-94 SW-44 AD-95 AD-95 AD-95 AD-96 AD-97 AD-98 SW-47 SW-48 AD-100	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland Seasonal Wetland	PEM R4 PEM R4 PEM PEM PEM PEM PEM R4 PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.942 0.097 0.155 0.611 0.227 0.165 0.092 0.226 0.076 0.023 0.023 0.023 0.279 1.255 0.023	In ag field in ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag fi	L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Transmission Line Reusable Tunnel Material Transmission Line Transmission Line Reusable Tunnel Material Transmission Line	38.0831 38.0829 38.08246 38.08063 38.07986 38.07955 38.07955 38.07955 38.07922 38.07824 38.07844 38.07798 38.07798 38.07798 38.07764 38.07759 38.07659 38.07644 38.07612 38.07561 38.07387	-121.5074 -121.5127 -121.514 -121.5049 -121.5049 -121.5049 -121.5025 -121.5025 -121.5043 -121.5077 -121.5056 -121.5077 -121.5078 -121.5078 -121.5078 -121.5078 -121.5078 -121.5052 -121.5049 -121.5049 -121.5049 -121.5047 -121.50
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492 607 319 579 536 537 535 606 318 534 533 532 605 493 531 317 604 316 315 494 530 310 314	AD-89 SW-38 AD-90 AD-91 EM-30 SW-39 SW-40 SW-41 AD-92 AD-93 SW-42 SW-43 SW-44 AD-94 SW-44 SW-45 SW-45 SW-45 SW-45 SW-46 AD-95 AD-96 AD-97 AD-98 SW-47 SW-48 AD-100 AD-99	Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Emergent Wetland Seasonal Wetland Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch	PEM R4 PEM R4 PEM PEM PEM PEM PEM R4 R4 PEM R4	0.003 3.586 0.040 0.430 0.065 0.040 0.013 0.275 0.942 0.608 0.097 0.155 0.611 0.227 0.165 0.092 0.226 0.023 0.023 0.279 1.255 0.023 0.117	In ag field in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field in ag field in ag field in ag field narrow-some vegetation narrow-some vegetation in ag field in ag field in ag field in ag field in ag field in ag field narrow-some vegetation in ag field in ag field in ag field in ag field in ag field in ag field in ag field narrow-some vegetation narrow-little vegetation narrow-some vegetation	L L L L L L L L L L L L L L	Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Reusable Tunnel Material Transmission Line Reusable Tunnel Material Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.0831 38.0829 38.0824 38.0826 38.0798 38.0795 38.07955 38.07955 38.07952 38.07821 38.07821 38.0784 38.07764 38.07764 38.07647 38.07647 38.07644 38.07644 38.07644 38.07644 38.07644 38.07644 38.07644 38.07643	-121.5074 -121.5127 -121.514 -121.5049 -121.5049 -121.5047 -121.5025 -121.5025 -121.5043 -121.5077 -121.5071 -121.5056 -121.5058 -121.5077 -121.5078 -121.5077 -121.5078 -121.50427 -121.5047 -1

437	SW/ 50	Socopol Wotland	DEM	0.025	in an field	1	Transmission Line	20 07076	121 5/20
405	300-30	Seasonal Wetland	FLIVI	0.025	ili ag lielu	L		38.07070	-121.3423
495	SW-51	Seasonal Wetland	PEM	0.022	in ag field	L	Work Area	38.06999	-121.5444
500	SW/ E2	Soconal Wotland	DEM	0 242	in ag fiold	1	Work Aroa	28 06067	121 5441
500	300-32	Seasonal wetland	I LIVI	0.242		L	WORKAICA	38.00507	-121.3441
498	SW-53	Seasonal Wetland	PEM	0.130	in ag field	L	Work Area	38.06966	-121.5423
499	SW-54	Seasonal Wetland	PEM	0.009	in ag field		Work Area	38 06964	-121 5424
155				0.005				00.00001	121.5 121
311	AD-103	Agricultural Ditch	R4	0.025	narrow-some vegetation	L	Work Area	38.06963	-121.5423
313	AD-101	Agricultural Ditch	R4	0.045	narrow-some vegetation	L	Work Area	38.06963	-121.5427
212	AD 102	Agricultural Ditch	D4	0 1 2 0	parrow come vegetation	1	Work Area	20 06062	121 5427
312	AD-102	Agricultural Ditch	K4	0.129	narrow-some vegetation	L	work Area	38.06963	-121.5437
501	SW-55	Seasonal Wetland	PEM	0.372	in ag field	L	Work Area	38.06933	-121.544
502	CINE C	Casaanal Matland	DEM	0.450	in earfield		Marth Area	20.0000	101 544
502	SVV-50	Seasonal Wetland	PEIVI	0.458	in ag neid	L	WORK Area	38.06903	-121.544
306	AD-104	Agricultural Ditch	R4	0.012	narrow-some vegetation	L	Work Area	38.06891	-121.5423
200	AD 105	Agricultural Ditch	D/	0.022	narrow some vegetation	1	Work Aroa	20 06001	121 5/27
308	AD-105	Agricultural Ditch	N4	0.023	nanow-some vegetation	L	WOIK Alea	36.00891	-121.3427
307	AD-106	Agricultural Ditch	R4	0.064	narrow-some vegetation	L	Work Area	38.0689	-121.5437
504	SW-58	Seasonal Wetland	PEM	0 392	in ag field	1	Work Area	38 06877	-121 5437
501	011 53	Conservative days	DEM	0.052	in og field	-		20.00077	121.5 107
503	SW-57	Seasonal Wetland	PEIVI	0.1//	in ag field	L	Work Area	38.06877	-121.5443
305	AD-107	Agricultural Ditch	R4	0.006	narrow-some vegetation	L	Work Area	38.0681	-121.541
200	AD 109	Agricultural Ditch	D4	0.027	parrow come vegetation	1	Transmission Line	20 06747	121 5416
309	AD-100	Agricultural Ditch	1/4	0.027	nanow-some vegetation	L		30.00747	-121.3410
304	AD-109	Agricultural Ditch	R4	0.023	narrow-some vegetation	L	Transmission Line	38.0671	-121.5413
645	TC-15	Tidal Channel	R1UB	1 479	San Joaquin	Н	Barge Unloading Facility	38 06682	-121 5403
615	TC 40	Tidal Channel	DALLD	0.070	Can La su la		Dange Ornodding Facility	20.00002	121.5 105
646	IC-16	Tidal Channel	RIUB	0.878	San Joaquin	H	Barge Unioading Facility	38.06649	-121.5408
644	TC-17	Tidal Channel	R1UB	3.412	San Joaquin	н	Barge Unloading Facility	38.06589	-121.5419
200	50.31	Farrant.	DEO	0.015				20.00247	121 520
388	FU-31	Forest	PFU	0.815	on instream island	п	Transmission Line	38.06347	-121.539
647	TC-18	Tidal Channel	R1UB	5.975	San Joaquin	Н	Transmission Line	38.06124	-121.5411
56	FM-31	Emergent Wetland	DEM	7 570	on instream island	н	Transmission Line	38 06102	-121 5/01
	10.110		1 6141					33.00102	121.3401
303	AD-110	Agricultural Ditch	R4	0.073	narrow-some vegetation	L	Transmission Line	38.05504	-121.5437
505	SS-16	Scrub-Shrub	PSS	2.317	duck club?	М	Transmission Line	38.05388	-121.5437
E06	SW/ FO	Soconal Michigan	DEMA	2 104	in ag field	1	Transmission Line	20 04004	101 0407
000	300-39	seasonal wetland	PEIVI	2.104	iii ag lieiu	L		36.04881	-121.543/
302	AD-111	Agricultural Ditch	R4	0.039	narrow-some vegetation	L	Transmission Line	38.04796	-121.5437
508	SW/-60	Seasonal Wotland	DEM	2 8/18	in ag field	I	Transmission Line	38 0/677	-121 5/27
500	300-00			2.040		L .		30.04077	-121.3437
300	AD-112	Agricultural Ditch	R4	0.038	narrow-some vegetation	L	Transmission Line	38.04559	-121.5437
507	SW-61	Seasonal Wetland	PEM	0.891	in ag field	L	Transmission Line	38.04522	-121.5437
201	10.442	A set set to a set of the		0.007	· · · · · · · · · · · · · · · · · · ·	-	The second	20.01022	424 5 457
301	AD-113	Agricultural Ditch	К4	0.087	wide-some vegetation	L	Transmission Line	38.04448	-121.5437
510	EM-32	Emergent Wetland	PEM	0.080	in ag field	L	Transmission Line	38.04411	-121.5435
500	AD 114	A grievitevel Ditch	D4	0.020		-	Transmission Line	20.04400	121 5 426
509	AD-114	Agricultural Ditch	К4	0.030	narrow-some vegetation	L	Transmission Line	38.04406	-121.5430
441	EM-33	Emergent Wetland	PEM	0.003	duck club?	M	Transmission Line	38.04331	-121.5435
112	ENA 24	Emorgant Watland	DEM	0 502	duck club?	Ν4	Work Aroa	20 0/207	121 5/22
445	LIVI-34	Lillergent wetland	FLIVI	0.392	duck club:	IVI	WORKATEa	30.04207	-121.3433
444	EM-36	Emergent Wetland	PEM	0.537	duck club?	M	Work Area	38.04287	-121.5436
518	FO-32	Forest	PEO	1 055	duck club?	М	Work Area	38 04282	-121 5425
442	514.25	For est	0514	0.000	duck club?			20.04274	121.5 125
442	EMI-35	Emergent Wetland	PEM	0.261	duck club?	M	Work Area	38.04274	-121.5443
299	AD-115	Agricultural Ditch	R4	0.126	narrow-riparian vegetation	M	Work Area	38.04266	-121.5425
656	TC 10	Tidal Channol	D111D	0.690	Middle Piver	L	Pargo Uploading Facility	28 04265	121 5210
030	10-19	nual channel	KIOB	0.089		11	barge officauling Facility	38.04203	-121.3318
440	EM-37	Emergent Wetland	PEM	0.152	duck club?	M	Work Area	38.0424	-121.5427
68	DE-10	Depression	PLIR	1 1 3 2	duck club?	М	Work Area	38 04227	-121 5442
00		Depression	100	1.152		IVI	Work Area	30.04227	-121.3442
70	DE-11	Depression	PUB	1.889	duck club?	M	Work Area	38.04202	-121.5437
69	DF-12	Depression	PUB	2,741	duck club?	м	Work Area	38.042	-121.543
407	514.20	5 cpression	000	0.047	duck club?			20.044.02	424 5 422
437	EIVI-38	Emergent wetland	PEIVI	0.017	auck club?	M	Work Area	38.04182	-121.5422
439	EM-39	Emergent Wetland	PEM	0.020	duck club?	M	Work Area	38.04175	-121.5441
67	DF-13	Depression	DUB	0.345	duck club?	М	Transmission Line	38 0/10/	-121 5/138
07		Depression	105	0.345		111		30.04104	-121.3430
298	AD-116	Agricultural Ditch	R4	0.167	narrow-riparian vegetation	M	Work Area	38 04061	-121 541
71	DE-14	Demassien	DLID	0 188	duck club?		Transmission Line	5010 1001	121.541
71	10 117	Depression	EUD -			M		38 03997	-121 5439
207		Depression Accient Ditate	FUB	0.100		M		38.03997	-121.5439
297	AD-117	Agricultural Ditch	R4	0.005	narrow-little vegetation	M L	Work Area	38.03997 38.03965	-121.5439
297 519	FO-33	Agricultural Ditch Forest	R4 PFO	0.005	narrow-little vegetation narrow band along ag ditch	M L M	Work Area Work Area	38.03997 38.03965 38.03869	-121.5439 -121.5347 -121.5396
297 519 438	FO-33 FM-40	Agricultural Ditch Forest	R4 PFO PFM	0.005	narrow-little vegetation narrow band along ag ditch duck club?	L M M	Work Area Work Area Transmission Line	38.03997 38.03965 38.03869 38.03851	-121.5439 -121.5347 -121.5396 -121.5437
297 519 438	FO-33 EM-40	Agricultural Ditch Forest Emergent Wetland	R4 PFO PEM	0.005 0.301 5.875	narrow-little vegetation narrow band along ag ditch duck club?	M L M M	Work Area Work Area Transmission Line	38.03997 38.03965 38.03869 38.03851	-121.5439 -121.5347 -121.5396 -121.5437
297 519 438 296	FO-33 EM-40 AD-118	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch	R4 PFO PEM R4	0.100 0.005 0.301 5.875 0.195	narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation	M L M M M	Work Area Work Area Transmission Line Work Area	38.03997 38.03965 38.03869 38.03851 38.03777	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5389
297 519 438 296 295	AD-117 FO-33 EM-40 AD-118 AD-119	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 R4	0.105 0.005 0.301 5.875 0.195 0.023	narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation	M L M M M M	Work Area Work Area Transmission Line Work Area Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03777 38.03613	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5389 -121.5438
297 519 438 296 295	FO-33 EM-40 AD-118 AD-119	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 R4	0.105 0.005 0.301 5.875 0.195 0.023	narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club2	M L M M M M	Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03777 38.03613	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5438 -121.5438
297 519 438 296 295 513	FO-33 EM-40 AD-118 AD-119 EM-41	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland	R4 PFO PEM R4 R4 PEM	0.105 0.005 0.301 5.875 0.195 0.023 0.575	narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club?	M L M M M M M	Work Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03571	-121.5439 -121.5347 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294	FO-33 EM-40 AD-118 AD-119 EM-41 AD-120	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch	R4 PFO PEM R4 PEM R4 R4 R4 R4 R4	0.188 0.005 0.301 5.875 0.195 0.023 0.575 0.029	arrow-little vegetation narrow-little vegetation duck club? narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation	M L M M M M M L	Work Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03571 38.03235	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293	FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 R4 PEM R4 R4	0.188 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024	arrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation	M L M M M M M L L	Work Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03251 38.03235 38.02982	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch	POB R4 PFO PEM R4 R4 PEM R4 R4 R4	0.138 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.024	arrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation	M L M M M L L L	Work Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03851 38.03613 38.03571 38.03235 38.02982	-121.5439 -121.5347 -121.5396 -121.5437 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland	R4 PFO PEM R4 PEM R4 PEM R4 PEM R4 PEM	0.138 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club?	M L M M M L L L M	Work Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03571 38.03235 38.02982 38.02946	-121.5439 -121.5347 -121.5396 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439
297 519 438 296 295 513 294 293 512 292	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 PEM R4 PEM R4 PEM R4 R4 R4 R4 R4 R4 R4 R4 R4	0.188 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031	arrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation	M L M M L L L M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03571 38.03215 38.03235 38.02982 38.02946 38.02933	121.5439 -121.5347 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland	R4 PFO PEM R4 R4 R4 R4 R4 R4 PEM R4 PEM	0.138 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club?	M L M M M L L L L M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03851 38.03571 38.03235 38.02982 38.02982 38.02933 38.02933 38.02933	-121.5439 -121.5347 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 292	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland	R4 PFO R4 PEM R4 PEM R4 PEM R4 PEM R4	0.138 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club?	M L M M M L L L M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03571 38.03235 38.02982 38.02982 38.02982 38.02982 38.02982	-121.5439 -121.5439 -121.5347 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch	POB R4 PFO PEM R4	0.133 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.035	udck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation narrow-riparian vegetation narrow-some vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation	M L M M M L L L L M M M M	Vork Area Work Area Vork Area Transmission Line Vork Area Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03777 38.03613 38.03571 38.03235 38.02982 38.02946 38.02933 38.02822 38.02716	121.5439 -121.5439 -121.5396 -121.537 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291 291 447	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression	POB R4 PFO PEM R4 PUB	0.130 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.035 0.312	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club?	M L M M M L L L M M M M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03777 38.03571 38.03571 38.03235 38.02982 38.02946 38.02933 38.02822 38.02716 38.02716	121.5439 -121.5439 -121.5396 -121.5387 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291 447 447	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression	POB R4 PFO PEM R4 PEM R4 PEM R4 PEM R4 PUB	0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.335 0.312	arrow-little vegetation narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club?	M L M M M L L L L M M M M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03571 38.03235 38.02982 38.02982 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933	-121.5439 -121.5439 -121.5396 -121.547 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291 291 447 445	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Emergent Wetland	R4 PFO PEM R4 PEM	0.005 0.0301 5.875 0.195 0.023 0.575 0.029 0.024 0.024 0.031 2.462 0.035 0.312 4.272	duck club? narrow-little vegetation narrow-little vegetation duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club?	M L M M M L L L L M M M M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03955 38.03869 38.03851 38.03771 38.03235 38.02982 38.02946 38.02946 38.02946 38.02923 38.02822 38.02716 38.02685 38.02508	121.5439 -121.5439 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291 291 447 445 446	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Emergent Wetland	R4 PFO PEM R4 R4 R4 R4 R4 R4 R4 R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM PUB PUB	0.105 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.335 0.312 2.452 0.315 0.312	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club?	M L M M M L L L M M M M M M M M	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03571 38.03235 38.02982 38.02946 38.02933 38.02933 38.02822 38.02716 38.02508 38.02508	121.5439 -121.5439 -121.5396 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Emergent Wetland	R4 PFO PEM R4 PUB R4	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.138	duck club? narrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club?	M L M M M L L L L M M M M M M M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.0395 38.03869 38.03851 38.03613 38.03571 38.03235 38.02982 38.02982 38.02933 38.02822 38.02933 38.02822 38.02716 38.02685 38.02508 38.02358	-121.5439 -121.5439 -121.5396 -121.537 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 292	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 EO-21	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Emergent Wetland Depression	R4 PFO PEM R4 PUB PUB R4	0.105 0.005 0.301 5.875 0.195 0.023 0.023 0.024 0.024 0.024 0.031 2.462 0.031 2.462 0.312 4.272 0.158 0.029	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? duck club? duck club?	M L M M M M L L L M M M M M M M M M	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03965 38.03869 38.03851 38.03571 38.03235 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02508 38.02508 38.02508	121.5439 -121.5439 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5449 -121.5449 -121.544
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest	R4 PFO PEM R4 R4 R4 R4 R4 R4 R4 PEM R4 PEM R4 PEM R4 PEM R4 PUB R4 PFO	0.005 0.301 5.875 0.195 0.575 0.029 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.138 0.299 0.312	arrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation	M L M M M L L L L M M M M M M M M M M M	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.0395 38.03851 38.0351 38.03571 38.03235 38.02982 38.02982 38.02933 38.02822 38.02716 38.02822 38.02716 38.02685 38.02358 38.02358 38.02358	121.5439 -121.5439 -121.5396 -121.5387 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-44 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Emergent Wetland Depression Emergent Wetland Depression Emergent Wetland Depression Agricultural Ditch Forest	R4 PFO PEM R4 PUB PUB R4 PFO R4	0.105 0.005 0.301 5.875 0.195 0.023 0.023 0.029 0.024 0.309 0.031 2.462 0.331 2.462 0.312 4.272 0.158 0.312 4.272 0.158	duck club? narrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? narrow-riparian vegetation duck club? duck club?	M L M M M L L L L M M M M M M M M L L	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.03869 38.03851 38.03771 38.03235 38.02982 38.02946 38.02932 38.02946 38.02932 38.02946 38.022716 38.02685 38.02508 38.02358 38.02358 38.02308 38.02308 38.02272	121.5439 -121.5439 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5449 -121.5449 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch	R4 PFO PEM R4 PUB R4 PFO R4	0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.335 0.312 4.272 0.355 0.312 4.272 0.555 0.312 0.355 0.312 0.355 0.312 0.029 0.035 0.029 0.035 0.029 0.024 0.035 0.029 0.024 0.025	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club?	M L M M M M L L L M M M M M M M M M L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03995 38.03851 38.03851 38.03571 38.03235 38.02982 38.02933 38.02933 38.02933 38.02933 38.02933 38.022933 38.02258 38.02508 38.02358 38.02358 38.02358 38.02272	121.5439 -121.5439 -121.5396 -121.5387 -121.5388 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5438 -121.5438 -121.5438 -121.5439 -121.544 -121.5439 -121.5449 -121.549
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 PUB PUB PFO R4 R4	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.035 0.084 0.008 0.008	duck club? narrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation	M L M M M L L L L M M M M M M M M L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.0395 38.03869 38.03851 38.03613 38.03571 38.02946 38.02946 38.02942 38.02942 38.02943 38.02822 38.02716 38.02822 38.02508 38.02308 38.02313 38.02308 38.02272 38.02073	-121.5439 -121.5439 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 292 511 291 447 445 446 290 455 288 289 287	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-122 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-125 AD-127	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 PUB R4 PFO R4 R4 R4 R4 R4	0.005 0.005 0.301 5.875 0.195 0.023 0.023 0.024 0.024 0.024 0.024 0.031 2.462 0.031 2.462 0.312 4.272 0.158 0.029 0.024 0.029 0.024 0.035 0.035	duck club? narrow-little vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-some vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-little vegetation narrow-riparian vegetation	M L M M M M L L L M M M M M M M L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03995 38.03851 38.03571 38.03571 38.03235 38.02946 38.02946 38.02946 38.02943 38.02946 38.02933 38.02946 38.02508 38.	121.5439 -121.5439 -121.5396 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-125 AD-126 AD-127 FO-35	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Emergent Wetland Agricultural Ditch Depression Emergent Wetland Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Encerst	R4 PFO PEM R4 R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PUB R4 PFO R4 R4 PFO	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.024 0.309 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.084 0.005 0.035 0.029	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? duck club? duck club? duck club? duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation	M L M M M L L L L M M M M M M M L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.0395 38.03851 38.03571 38.03571 38.03235 38.02982 38.02982 38.02933 38.02822 38.02716 38.02822 38.02716 38.02685 38.022313 38.02313 38.02318 38.02272 38.02073 38.02073 38.01865	121.5439 -121.5439 -121.5396 -121.5387 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 445 288 289 287 454 287 454	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 PUB PUB R4 PFO R4 R4 PFO R4 PFO R4 PFO R4 PFO	0.105 0.005 0.301 5.875 0.195 0.023 0.029 0.024 0.309 0.031 2.462 0.312 4.272 0.158 0.312 4.272 0.158 0.312 4.272 0.358 0.029 0.084 0.0035 0.034 0.0035	duck club? narrow-little vegetation narrow band along ag ditch duck club? narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club ? duck clu	M L M M M M L L L M M M M M M M L L L L	Vork Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.03869 38.03851 38.03571 38.03235 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02508 38.	121.5439 -121.5439 -121.5347 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5438 -121.5439 -121.5439 -121.5441 -121.5439 -121.5441 -121.5439 -121.5438 -121.5439 -121.5441 -121.5439 -121.5439 -121.5441 -121.5439 -121.5439 -121.5441 -121.5441 -121.54
297 519 438 296 295 513 294 293 512 292 511 291 447 445 445 445 290 455 288 289 287 454 286	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35 AD-128	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 PFO PEM R4 PUB R4 PFO R4 PFO R4 PFO R4	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.031 2.462 0.035 0.312 4.272 0.084 0.008 0.008 0.0035 0.034 0.008	bluck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-little vegetation narrow-riparian g ditch narrow-riparian g ditch narrow-riparian vegetation	M L M M M M L L L M M M M M M M L L L M M	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.03851 38.03851 38.03571 38.03235 38.02932 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02508 38.02508 38.02358 38.02465 38.02565 38.02565 38.02565 38.02565 38.02565 38.02565 38.	121.5439 -121.5439 -121.547 -121.5386 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5449 -121.5439 -121.5441 -121.5439 -121.5439 -121.5441 -121.5439 -121.5439 -121.5441 -121.5439 -121.5439 -121.5441 -121.5439 -121.5449 -121.5439 -121.5449 -1
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 286 515	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-125 AD-125 AD-127 FO-35 AD-128 SW-62	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Seasonal Wetland	R4 PFO PEM R4 PUB PUB R4 PFO R4	0.005 0.005 0.301 5.875 0.195 0.023 0.029 0.024 0.309 0.024 0.309 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.035 0.034 0.008 0.035 0.034 0.033 0.3330	duck club? narrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club? duck club duck duck duck duck duck duck duck duck	M L M M M M L L L M M M M M M M L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.03869 38.03851 38.03613 38.03571 38.02932 38.02942 38.02942 38.02942 38.02943 38.02822 38.02716 38.02822 38.02508 38.02358 38.02358 38.02358 38.02308 38.02313 38.02308 38.02308 38.02308 38.02313 38.02308 38.02313 38.02308 38.02313 38.02308 38.02314 38.02308 38.01845 38.01644 38.01385	121.5439 -121.5439 -121.5396 -121.5396 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5441 -121.5439 -121.5441 -121.5439 -121.5441 -
297 519 438 296 295 513 294 293 512 292 511 291 292 511 291 447 445 446 290 455 288 289 287 454 286 515 284	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-125 AD-125 AD-125 AD-125 AD-125 AD-125 AD-125 SW-62 AD-129	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Seasonal Wetland	R4 PFO PEM R4 PUB R4 PFO R4 PEM R4 PEM	0.105 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.312 4.272 0.035 0.312 4.272 0.084 0.008 0.008 0.035 0.034 0.008 0.035 0.035 0.035 0.029 0.084 0.003 0.035 0.035 0.035 0.035 0.029 0.029 0.029 0.035 0.310 0.029 0.035 0.310 0.029 0.024 0.035 0.310 0.029 0.024 0.035 0.310 0.029 0.024 0.035 0.029 0.024 0.035 0.035 0.029 0.035 0.029 0.035 0.029 0.035 0.029 0.035 0.035 0.029 0.035 0.029 0.035 0.035 0.035 0.029 0.035 0.029 0.035 0.0320 0.035 0.0320 0.0320 0.0320 0.035 0.0320 0.0320 0.0320 0.035 0.0320 0.0320 0.03200 0.032000000000000	duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? duck club? duck club? duck club? duck club? duck club? duck club? narrow-riparian vegetation narrow band along ag ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-liparian vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	M L M M M M L L L M M M M M M M L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03571 38.03255 38.02932 38.02946 38.02933 38.02946 38.02933 38.02946 38.02933 38.02946 38.02933 38.02933 38.02933 38.022358 38.02258 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.02358 38.0246 38.01865 38.01865 38.01865 38.0126	121.5439 -121.5439 -121.5347 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.544 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.544 -121.544 -121.544
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 286 515 284 284 284	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-125 AD-126 AD-127 FO-35 AD-128 SW-62 AD-129 SW-62	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Forest Agricultural Ditch Seasonal Wetland Agricultural Ditch	R4 PFO PEM R4 PUB PUB R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.034 0.035 0.034 0.030 0.033 0.033 0.033 0.039	duck club? narrow-little vegetation narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	M L M M M M L L L L M M M M M M M L L L M M L L L L L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.03869 38.03851 38.03571 38.0325 38.02932 38.02932 38.02933 38.02822 38.02933 38.02822 38.02933 38.02822 38.02716 38.02685 38.02508 38.02358 38.02358 38.02313 38.02272 38.02073 38.02308 38.02272 38.02073 38.01856 38.01856 38.01644 38.01385 38.01264	121.5439 -121.5439 -121.5396 -121.5437 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5444 -121.5439 -121.5444 -121.5449 -121.5444 -121.5445 -121.5444 -121.5445 -121.545 -121.
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 286 515 284 514	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35 AD-128 SW-62 SW-63	Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Forest Agricultural Ditch Seasonal Wetland Seasonal Wetland	R4 PFO PEM R4 PUB PUB R4 PFO R4 R4 PFO R4 PFO R4 PFO R4 PEM PEM PEM R4 PFO R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM	0.105 0.005 0.301 5.875 0.195 0.023 0.029 0.024 0.309 0.031 2.462 0.339 0.312 4.272 0.158 0.312 4.272 0.158 0.029 0.034 0.035 0.034 0.035 0.039 0.039 0.141	udck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? duck club? narrow-riparian vegetation duck club? duck club? duck club? duck club? narrow-riparian vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation in ag field narrow-some vegetation	M L M M M M L L L L M M M M M L L L L L	Vark Area Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03571 38.03235 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02548 38.02548 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.0266 38.01856 38.01856 38.0126 38.0125	121.5439 -121.5439 -121.5437 -121.5389 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5438 -121.5439 -121.5438 -121.5458 -121.5458 -121.5458 -121.5488 -121.5488 -121.5488 -
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297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 286 515 284 515 284 514 285 517 516 283 675	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-43 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35 AD-128 SW-62 AD-129 SW-63 AD-130 SW-64 SW-65 AD-131 SC-21	Depression Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch	R4 R4 PFO PEM R4 R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PUB R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM R4	0.005 0.005 0.301 5.875 0.195 0.023 0.575 0.029 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.029 0.035 0.312 4.272 0.158 0.029 0.029 0.029 0.029 0.035 0.312 4.272 0.035 0.035 0.035 0.035 0.035 0.034 0.035 0.030 0.030 0.035 0.034 0.030 0.030 0.035 0.030 0.035 0.035 0.025 0.025 0.029 0.024 0.035 0.029 0.024 0.035 0.035 0.029 0.024 0.035 0.035 0.031 0.035	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-some vegetation narrow-some vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation in ag field medium-some vegetation in ag field	M L M M M M L L L L M M M M M M M L	Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03851 38.03571 38.03235 38.02932 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02235 38.0126 38.0126 38.0126 38.0126 38.0126 38.01168 38.01161 38.00978	121.5439 -121.5439 -121.5437 -121.5386 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5438 -121.5448 -121.5438 -121.5448 -121.54888 -121.54888 -121.54888 -121.54888 -121.54888 -121.54
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 288 289 287 454 288 289 287 454 515 284 515 284 515 284 517 516 283 659	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-44 DE-15 EM-44 DE-15 EM-44 DE-16 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35 AD-126 AD-127 FO-35 AD-128 SW-62 AD-129 SW-63 AD-130 SW-64 SW-65 SW-65 AD-131 TC-24	Depression Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch	R4 PFO PEM R4 PUB R4 PFO R4 PFO R4 PFO R4 PEM R4 PEM R4 R4 R4 PEM R4 R1UB	0.005 0.005 0.301 5.875 0.195 0.023 0.029 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.035 0.312 4.272 0.158 0.034 0.035 0.034 0.035 0.034 0.035 0.034 0.035 0.039 0.034 0.039 0.034 0.035 0.039 0.034 0.035 0.039 0.034 0.035 0.035 0.029 0.024 0.029 0.024 0.029 0.024 0.035 0.029 0.024 0.031 0.035 0.032 0.035 0.032 0.035 0.034 0.035 0.032 0.032 0.034 0.032 0.034 0.032 0.034 0.032 0.034 0.032 0.034 0.032 0.034 0.032 0.034 0.032 0.024 0.032 0.034 0.032 0.032 0.034 0.032 0.024 0.032 0.034 0.032 0.024 0.032 0.034 0.032 0.024 0.032 0.024 0.034 0.032 0.024 0.034 0.024	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation duck club? narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation narrow-some vegetation in ag field narrow-some vegetation in ag field narrow-some vegetation in ag field narrow-little vegetation in ag field narrow-ilittle vegetation in ag field narrow-little vegetation in	M L M M M M L L L M M M M M M M M M L L L L L L L L L L L L L	Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03571 38.03571 38.03235 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.01644 38.01644 38.01255 38.01168 38.01255 38.01168 38.01255 38.01168 38.01978 38.00978	121.5439 -121.5439 -121.5396 -121.5389 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5439 -121.5438 -121.5448 -121.5438 -121.5448 -121.5438 -121.5448 -121.5438 -121.5448 -121.5488 -
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 286 515 284 515 284 514 285 517 516 283 659 448	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 AD-123 DE-15 EM-44 AD-123 DE-15 EM-44 AD-123 AD-124 FO-34 AD-125 AD-126 AD-127 FO-34 AD-126 AD-127 FO-35 AD-128 SW-62 AD-128 SW-63 AD-129 SW-63 AD-130 SW-64 SW-65 AD-131 TC-24 EM-45	Depression Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Forest Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Agricultural Ditch Seasonal Wetland Seasonal Wetland Emergent Wetland	R4 PFO PEM R4 PEM R4 R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PEM R4 PFO R4 PFO R4 PFO R4 PFO R4 PEM R4 PEM	0.005 0.005 0.301 5.875 0.195 0.575 0.029 0.024 0.309 0.024 0.309 0.024 0.309 0.031 2.462 0.035 0.312 4.272 0.158 0.029 0.031 2.462 0.035 0.312 4.272 0.035 0.329 0.029 0.024 0.035 0.329 0.029 0.024 0.035 0.333 0.029 0.029 0.029 0.024 0.035 0.331 0.035 0.029 0.024 0.035 0.331 0.035 0.029 0.024 0.035 0.331 0.035 0.331 0.035 0.029 0.024 0.035 0.331 0.035 0.035 0.029 0.031 0.035 0.331 0.035 0.030 0.035 0.035 0.032 0.035 0.032 0.035 0.032 0.035 0.032 0.035 0.032 0.035 0.032 0.032 0.035 0.032 0.035 0.032 0.035 0.032 0.035 0.032 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.037 0.027 0.024 0.030 0.037 0.024 0.024 0.025 0.024 0.025 0.024 0.024 0.025 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.027 0.024 0.024 0.024 0.024 0.024	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation	M L M M M M L L L M M M M M M M M M L L L L L L L L L L L L L	Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03571 38.03255 38.02932 38.02932 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02933 38.02508 38.02258 38.02508 38.02358 38.02358 38.02358 38.02358 38.01235 38.01856 38.01856 38.01856 38.01235 38.01235 38.01235 38.01235 38.01168 38.01235 38.01168 38.01235 38.01168 38.00978	121.5439 -121.5439 -121.5437 -121.5386 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5449 -121.5439 -121.5449 -121.5439 -121.5439 -121.5439 -121.5439 -121.5438 -
297 519 438 296 295 513 294 293 512 292 511 291 447 445 446 290 455 288 289 287 454 288 289 287 454 286 515 284 515 284 515 284 517 516 283 659 448 658	AD-117 FO-33 EM-40 AD-118 AD-119 EM-41 AD-120 AD-121 EM-42 AD-122 EM-42 AD-122 EM-43 AD-123 DE-15 EM-44 DE-16 AD-123 DE-15 EM-44 DE-16 AD-124 FO-34 AD-125 AD-126 AD-127 FO-35 AD-126 AD-127 FO-35 AD-128 SW-62 AD-129 SW-63 AD-130 SW-64 SW-65 AD-131 TC-24 EM-45 EM-45 C-20	Depression Agricultural Ditch Forest Emergent Wetland Agricultural Ditch Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Depression Emergent Wetland Depression Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Seasonal Wetland Agricultural Ditch Tidal Channel Emergent Wetland	R4 PFO PEM R4 PUB PUB PUB R4 PFO R4 PFO R4 PFO R4 PEM R4 R4 R4 PEM R4	0.005 0.005 0.301 5.875 0.195 0.023 0.029 0.024 0.309 0.024 0.309 0.024 0.309 0.024 0.309 0.024 0.309 0.031 2.462 0.335 0.312 4.272 0.158 0.035 0.034 0.035 0.034 0.035 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.035 0.034 0.008 0.035 0.035 0.034 0.008 0.035 0.034 0.035 0.032 0.034 0.035 0.032 0.032 0.034 0.035 0.032 0.032 0.034 0.035 0.032 0.032 0.034 0.035 0.032 0.024 0.035 0.032 0.034 0.032 0.032 0.034 0.035 0.024 0.032 0.032 0.034 0.032 0.032 0.032 0.032 0.034 0.035 0.024 0.035 0.024 0.035 0.024 0.035 0.024 0.035 0.024 0.035 0.024 0.035 0.024 0.024 0.035 0.024	duck club? narrow-little vegetation narrow-riparian vegetation narrow-riparian vegetation duck club? narrow-some vegetation narrow-some vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? narrow-riparian vegetation duck club? duck club? narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-riparian vegetation narrow-little vegetation narrow-some vegetation narrow-some vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation in ag field narrow-some vegetation in ag field narrow-little vegetation in ag field narrow-little vegetation in ag field narrow-little vegetation in ag field <	М М М М М Ц Ц М М М М М М М М М М Ц Ц Ц Ц Ц Ц Ц Ц Ц Ц Ц Ц Ц	Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line	38.03997 38.03997 38.03997 38.0395 38.03851 38.03777 38.03613 38.03571 38.03235 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02946 38.02250 38.02508 38.02508 38.02508 38.02508 38.02508 38.02508 38.0272 38.01856 38.01856 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01265 38.01275 38.01265 38.01275 38.01265 38.01275 38.00775 38.00	121.5439 -121.5439 -121.5437 -121.5386 -121.5437 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5438 -121.5439 -121.5439 -121.5439 -121.5439 -121.5444 -121.5439 -121.5444 -121.5439 -121.5444 -121.5438 -121.5448 -121.5438 -121.5448 -121.5438 -121.5448 -121.5438 -121.5448 -121.5448 -121.5438 -121.5448 -121.5488 -121.5488 -121.5488 -

207		Emorgont Wotland	DEM	0 109	on instroom island	L	Transmission Line	20 00562	101 544
567	EIVI-40	Emergent wetianu	PEIVI	0.198	on instream island	П		56.00505	-121.344
74	FO-36	Forest	PFO	1.321	on instream island	Н	Transmission Line	38.00552	-121.544
655	TC-21	Tidal Channel	R1UB	1.643	Connection Slough	н	Barge Unloading Facility	38.00424	-121.5431
654	TC 22	Tidal Channel	D111D	0.621	Connection Slough	u	Pargo Unloading Eacility	28 00206	121 5//5
054	10-22	riual Charmer	KIOP	0.051	Connection Slough	п	Barge Officauling Facility	36.00590	-121.5445
657	TC-23	Tidal Channel	R1UB	0.693	Connection Slough	Н	Barge Unloading Facility	38.00394	-121.544
596	SW-66	Seasonal Wetland	PEM	0.076	in ag field	L	Work Area	38.00295	-121.5442
505	SW 67	Sossonal Wotland	DEM	0.295	in ag field	1	Work Area	20 00200	121 5//5
595	300-07	Seasonal Wetlanu	PEIVI	0.565	III ag lielu	L	WORK AREA	36.00269	-121.5445
603	AD-132	Agricultural Ditch	R4	0.017	narrow-some vegetation	L	Transmission Line	37.99962	-121.5441
602	AD-133	Agricultural Ditch	R4	0.017	narrow-some vegetation	1	Transmission Line	37 99245	-121 5441
002	AD-133		114	0.017	harrow-some vegetation			37.33243	-121.5441
601	AD-134	Agricultural Ditch	R4	0.017	narrow-some vegetation	L	Transmission Line	37.98589	-121.5442
600	AD-135	Agricultural Ditch	R4	0.011	narrow-some vegetation	L	Transmission Line	37.98324	-121.5443
500	AD 126	Agricultural Ditch	D/	0.017	parrow little vegetation	1	Transmission Lino	27 07026	121 5442
399	AD-130	Agricultural Ditch	114	0.017		<u> </u>	Transmission Line	37.37330	-121.3442
594	SW-68	Seasonal Wetland	PEM	0.034	in ag field	L	Transmission Line	37.97901	-121.5441
576	EM-47	Emergent Wetland	PEM	0.075	in ag field	L	Shaft Location/Access Road	37.97198	-121.5392
509	AD 127	Agricultural Ditch	D/1	0.017	parrow little vegetation	1	Transmission Lino	27.05109	121 546
596	AD-157	Agricultural Ditch	N4	0.017	nanow-intile vegetation	L		57.95106	-121.340
597	AD-138	Agricultural Ditch	R4	0.017	narrow-little vegetation	L	Transmission Line	37.94785	-121.5463
575	AD-139	Agricultural Ditch	R4	0.314	medium-little vegetation	L	Transmission Line	37,94578	-121.5464
574	AD 140	A gain with weat Ditals	D.4	0.467				27.04205	121 5455
574	AD-140	Agricultural Ditch	N4	0.467	medium-intre vegetation	L	WORK AREd	57.94505	-121.5455
637	TC-25	Tidal Channel	R1UB	1.972	Italian Slough-probably not impacted	Н	Transmission Line	37.94012	-121.5469
72	FM-48	Emergent Wetland	PEM	0 1 1 3	narrow hand along levee	1	Transmission Line	37 93997	-121 5469
72		Emergent Wetland	DENA	0.115				37.33337	121.5405
/3	EM-49	Emergent Wetland	PEM	0.061	narrow band along levee	L	Transmission Line	37.93982	-121.547
282	AD-141	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.93876	-121.547
201	AD 142	Agricultural Ditch	D/	0.022	parrow little vegetation	1	Transmission Lino	27 027/0	121 5/71
201	10-142		N4	0.025		L .		31.33/49	-121.34/1
280	AD-143	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.93604	-121.5473
279	AD-144	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.93419	-121.5474
170	AD 145	Agricultural Ditak	D.4	0.022	narrow little vegetation		Transmission Line	27 02127	101 6477
2/8	AD-145	Agricultural Ditch	К4	0.023	narrow-little vegetation	L	Transmission Line	37.93127	-121.54//
276	AD-146	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.92859	-121.5479
526	SW-69	Seasonal Wetland	PFM	0.440	in ag field	1	Transmission Line	37 92785	-171 548
520	011 70			0.470	in up netu			37.52703	121.340
527	SW-70	Seasonal Wetland	PEM	0.179	in ag field	L	I ransmission Line	37.92729	-121.5482
275	AD-147	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.92618	-121.5481
E 20	SVA/ 71	Soconal Matland	DEM	2 /12	in ag field	1	Transmission Line	27 02467	121 5402
520	SVV-/1	seasonal wetland	PEIVI	2.412	in ag neid	L	Transmission Line	37.92467	-121.5482
277	AD-148	Agricultural Ditch	R4	0.046	narrow-little vegetation	L	Transmission Line	37.92293	-121.5481
274	AD-149	Agricultural Ditch	R4	0.023	narrow-little vegetation	1	Transmission Line	37 92226	-121 5484
524	() 145	Concerned Montheast		1.040	in an field			37.52220	121.5404
521	SW-72	Seasonal Wetland	PEM	1.946	in ag field	LL	Transmission Line	37.92134	-121.5485
273	AD-150	Agricultural Ditch	R4	0.023	narrow-little vegetation	L	Transmission Line	37.92043	-121.5486
522	SW/_73	Seasonal Wetland	DEM	2 832	in ag field	1	Transmission Line	37 01073	-121 5/187
322	300-73		FLIVI	2.832	in ag neiu	L .		37.91923	-121.3487
484	AD-151	Agricultural Ditch	R4	0.074	narrow-little vegetation	L	Transmission Line	37.91842	-121.6778
272	AD-152	Agricultural Ditch	R4	0.023	narrow-some vegetation	L	Transmission Line	37,91804	-121.5488
400	AD 152	A gain with weat Ditals	D.4	0.050			Transmission Line	27.01700	101 (777
483	AD-153	Agricultural Ditch	K4	0.056	narrow-little vegetation	L	Transmission Line	37.91798	-121.0///
523	SW-74	Seasonal Wetland	PEM	1.496	in ag field	L	Transmission Line	37.91737	-121.5488
271	AD-154	Agricultural Ditch	R4	0.023	narrow-some vegetation		Transmission Line	37 91673	-121 5489
271	ND 134		5514	0.025	narrow some vegetation	-		37.51075	121.5405
524	SW-75	Seasonal Wetland	PEM	1.257	in ag field	L	Transmission Line	37.91618	-121.5489
270	AD-155	Agricultural Ditch	R4	0.023	narrow-some vegetation	L	Transmission Line	37.91563	-121.549
525	SW-76	Seasonal Wetland	DEM	1 206	in ag field	1	Transmission Line	37 91506	-121 5/10
525	500-70	Seasonal Wetland		1.200	in ag neid			57.51500	-121.345
269	AD-156	Agricultural Ditch	R4	0.023	narrow-some vegetation	L	Transmission Line	37.91454	-121.5491
649	TC-26	Tidal Channel	R1UB	1.436	North Victoria Canal	н	Transmission Line	37.91355	-121.5492
269	AD 157	Agricultural Ditch	D4	0.000	modium little vegetation		Transmission Line	27.0125	121 5402
208	AD-157	Agricultural Ditch	N4	0.090	medium-intre vegetation	L	Transmission Line	57.9125	-121.5495
389	EM-50	Emergent Wetland	PEM	0.049	narrow band along levee	L	Barge Unloading Facility	37.91233	-121.5618
648	TC-27	Tidal Channel	R1UB	5 730	Old River	н	Barge Unloading Facility	37 91106	-121 5623
207	10 27			0.460				37.04076	121.5025
267	AD-158	Agricultural Ditch	K4	0.468	narrow-little vegetation	L	work Area	37.91076	-121.5499
264	AD-159	Agricultural Ditch	R4	0.002	narrow-little vegetation	L	Barge Unloading Facility	37.90951	-121.5502
265	AD 160	Agricultural Ditch	D/	0.001	parrow little vegetation	1	Work Aroa	27 0005	121 5502
205	AD-100	Agricultural Ditch	1\4	0.001	nanow-little vegetation	<u> </u>	WOIKAIEd	37.9095	-121.3302
266	AD-161	Agricultural Ditch	R4	0.657	narrow-little vegetation	L	Transmission Line	37.90639	-121.5499
263	AD-162	Agricultural Ditch	R4	0,022	narrow-little vegetation	L	Work Area	37,89906	-121.5501
202	AD 163	Agricultural Ditak	D4	0.000	norrow little vegetation		Transmission Line	27.00004	121 5540
262	AD-103	Agricultural Ditch	К4	0.093	narrow-little vegetation	L L		37.89904	-121.5518
261	AD-164	Agricultural Ditch	R4	0.080	narrow-little vegetation	L	Work Area	37.89447	-121.55
260	AD-165	Agricultural Ditch	R4	0,111	narrow-little vegetation	L	Work Area	37,89104	-121.55
250	AD 160	Agricultural Ditak	7 	0.520	wide come vegetation	-	Work Area	27 00020	121 5462
259	4D-100	Agricultural DITCN	K4	0.529	wide-some vegetation	L L	work Area	57.89026	-121.5462
255	AD-167	Agricultural Ditch	R4	0.106	wide-little vegetation		Road Interchange	27 00024	121 5405
257	AD 100				•	L	Road Interchange	37.89024	-121.3403
250	AD-169	Agricultural Ditch	R4	0.118	wide-little vegetation	L	Road Interchange	37.89024	-121.5403
258	AD-169	Agricultural Ditch	R4	0.118	wide-little vegetation	L L	Road Interchange	37.89024	-121.5403
	AD-169 AD-168	Agricultural Ditch Agricultural Ditch	R4 R4	0.118 0.147	wide-little vegetation wide-little vegetation	L L L	Road Interchange Transmission Line	37.89024 37.89023 37.89023	-121.5403 -121.5412 -121.5543
58	AD-169 AD-168 EM-51	Agricultural Ditch Agricultural Ditch Emergent Wetland	R4 R4 PEM	0.118 0.147 0.076	wide-little vegetation wide-little vegetation narrow band along levee		Road Interchange Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015	-121.5403 -121.5412 -121.5543 -121.5543
58 60	AD-169 AD-168 EM-51 FM-52	Agricultural Ditch Agricultural Ditch Emergent Wetland	R4 R4 PEM	0.118 0.147 0.076 0.120	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee		Road Interchange Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.89015	-121.5403 -121.5412 -121.5543 -121.5543 -121.5544
58 60	AD-169 AD-168 EM-51 EM-52	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland	R4 R4 PEM PEM	0.118 0.147 0.076 0.120	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee		Road Interchange Road Interchange Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995	-121.5403 -121.5412 -121.5543 -121.5543 -121.5544
58 60 59	AD-169 AD-168 EM-51 EM-52 EM-53	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland	R4 R4 PEM PEM PEM	0.118 0.147 0.076 0.120 0.014	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee		Road Interchange Transmission Line Transmission Line Transmission Line Work Area	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994	-121.5403 -121.5412 -121.5543 -121.5543 -121.5544 -121.5575
58 60 59 256	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch	R4 R4 PEM PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation		Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899	-121.5405 -121.5412 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405
58 60 59 256 253	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD 171	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation		Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899	-121.5405 -121.5412 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405
58 60 59 256 252	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 PEM PEM PEM R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation		Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899	-121.5405 -121.5412 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5413
58 60 59 256 252 254	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation		Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88987	-121.5402 -121.5412 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5443 -121.5544
58 60 59 256 252 254 253	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4 R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation	L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88987 37.88987	-121.5403 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5443 -121.5544 -121.5575
58 60 59 256 252 254 253 482	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4 R4 R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation		Road Interchange Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.88987 37.88987 37.88986 37.88986	-121.5402 -121.5543 -121.5543 -121.5543 -121.5544 -121.5544 -121.5545 -121.5405 -121.5413 -121.5544 -121.5575
58 60 59 256 252 254 253 482	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4 R4 R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.8898 37.8898 37.88986 37.88959	-121.5402 -121.5543 -121.5543 -121.5543 -121.5544 -121.5555 -121.5405 -121.5544 -121.5554 -121.5555 -121.659
58 60 59 256 252 254 253 482 251	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88987 37.88986 37.88959 37.88959	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.544 -121.5544 -121.5544 -121.5575 -121.659 -121.5549
58 60 59 256 252 254 253 482 251 250	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation marrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88987 37.88986 37.88966 37.88966 37.88966 37.88969	-121.5402 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5544 -121.5554 -121.5554 -121.5559 -121.5549 -121.5569
58 60 59 256 252 254 253 482 251 250 240	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-177 AD-177 AD-173 AD-174 AD-175 AD-176 AD-177	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.88987 37.88986 37.88986 37.88959 37.88966 37.88259 37.8826	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5544 -121.5545 -121.5413 -121.5544 -121.5549 -121.5549 -121.5549 -121.5549
58 60 59 256 252 254 253 482 253 251 250 249	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-177 AD-173 AD-174 AD-175 AD-176 AD-177	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058 0.009	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Work Area	37.89024 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88986 37.88959 37.88959 37.88959 37.88959 37.88267	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5545 -121.5405 -121.5413 -121.5544 -121.5575 -121.5549 -121.5549 -121.5562 -121.5574
58 60 59 256 252 254 253 482 251 250 249 248	AD-1669 AD-1668 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-178	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058 0.009 0.007	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.88997 37.88987 37.88987 37.88987 37.88987 37.88986 37.88959 37.88267 37.88267 37.88255	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5413 -121.5544 -121.5575 -121.5549 -121.5549 -121.5574 -121.5574 -121.5574
58 60 59 256 252 254 253 482 253 251 250 249 248 247	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-177 AD-173 AD-174 AD-175 AD-176 AD-177 AD-178 AD-178 AD-179	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.105 0.017 0.069 0.430 0.058 0.009 0.009	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.88999 37.88986 37.88986 37.88986 37.88959 37.88966 37.88257 37.88267 37.88267 37.88257	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5545 -121.5405 -121.5413 -121.5544 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549 -121.5549
58 60 59 256 252 254 253 482 251 250 249 248 247 248	AD-169 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-178 AD-179 AD-179	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.017 0.069 0.430 0.058 0.009 0.007 0.007	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.8899 37.88987 37.88986 37.88959 37.88959 37.88267 37.88267 37.88255 37.88255	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5544 -121.5544 -121.5544 -121.5544 -121.5554 -121.5554 -121.5562 -121.5563 -121.5563
58 60 59 256 252 253 482 251 250 249 248 247 246	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-177 AD-177 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-178 AD-179 AD-180	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation marrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Work Area Transmission Line Work Area Work Area Work Area	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.8899 37.88987 37.88987 37.88986 37.88987 37.88986 37.88959 37.88205 37.88255 37.88255 37.88255	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5413 -121.5544 -121.5575 -121.5549 -121.5562 -121.5562 -121.5563 -121.5563 -121.5563
58 60 59 256 252 254 253 482 251 250 249 248 247 246 481	AD-169 EM-51 EM-52 EM-53 AD-170 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-178 AD-179 AD-180 AD-181	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083 0.099	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L M	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Road Interchange Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88995 37.8899 37.8899 37.8899 37.8898 37.8898 37.8896 37.8896 37.88267 37.88267 37.88255 37.88255 37.88253 37.88253	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5405 -121.5544 -121.5574 -121.5579 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574
58 60 59 256 252 254 253 482 251 250 249 248 247 246 481	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-176 AD-177 AD-178 AD-178 AD-179 AD-180 AD-181 AD-122	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.009 0.007	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88994 37.88997 37.88987 37.88987 37.88987 37.88987 37.88987 37.88955 37.88255 37.88255 37.88255 37.88255 37.88253 37.88253	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5413 -121.5544 -121.5575 -121.5549 -121.5574 -121.5574 -121.5563 -121.5574 -121.5574 -121.5574
58 60 59 256 252 254 253 482 253 250 249 248 247 246 481 245	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-177 AD-178 AD-179 AD-180 AD-181 AD-182	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.105 0.430 0.058 0.009 0.035	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Noa Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88995 37.8899 37.8899 37.8898 37.88986 37.8896 37.8896 37.88267 37.88267 37.88255 37.88253 37.88253 37.88253 37.88253 37.88192 37.87902	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5545 -121.5405 -121.5405 -121.5405 -121.5544 -121.5575 -121.5549 -121.5562 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574
58 60 59 256 252 254 253 482 251 250 249 248 247 248 247 248 247 246 481 245 480	AD-169 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-178 AD-177 AD-178 AD-179 AD-180 AD-181 AD-182 AD-183	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083 0.099 0.035 0.098	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89015 37.88995 37.88994 37.88994 37.88987 37.88987 37.88987 37.88987 37.88987 37.88959 37.88267 37.88267 37.88255 37.88255 37.88255 37.88253 37.88253 37.88253 37.88253	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5544 -121.5575 -121.5544 -121.5575 -121.5562 -121.5562 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.5574 -121.6544
58 60 59 256 252 254 253 482 251 250 249 248 247 248 247 246 481 245 480 244	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-177 AD-177 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-177 AD-178 AD-179 AD-180 AD-181 AD-181 AD-183 AD-184	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083 0.009 0.035 0.035 0.035	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation marrow-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Work Area Work Area Work Area Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88995 37.8899 37.8899 37.8898 37.88986 37.8896 37.8896 37.88267 37.88267 37.88255 37.88253 37.88253 37.88253 37.88253 37.887902 37.87902 37.87592	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5545 -121.5405 -121.5413 -121.5544 -121.5544 -121.5549 -121.5549 -121.5574 -121.5574 -121.5573 -121.5574 -121.5573 -121.6521 -121.6464
58 60 59 256 252 254 253 482 251 250 249 248 247 246 481 245 480 244	AD-169 EM-51 EM-52 EM-53 AD-170 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-177 AD-177 AD-178 AD-179 AD-180 AD-180 AD-181 AD-182 AD-183 AD-184 AD-184 AD-184	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 PEM PEM R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.105 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083 0.099 0.035 0.098 0.104	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Road Interchange Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89023 37.89915 37.88994 37.88994 37.8899 37.8898 37.8898 37.8898 37.8895 37.88267 37.88255 37.88555 37.885555 37.8855555555555555555555555555555555555	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5413 -121.5575 -121.5544 -121.5579 -121.5574 -121.5574 -121.5563 -121.5574 -121.5563 -121.5573 -121.5574 -121.5575 -121.6521 -121.5577 -121.6621
58 60 59 256 252 254 253 482 251 250 249 248 247 246 481 245 480 244 479	AD-169 AD-168 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-176 AD-177 AD-178 AD-178 AD-178 AD-179 AD-180 AD-181 AD-181 AD-182 AD-184 AD-185	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.017 0.069 0.430 0.058 0.009 0.035 0.009 0.016 0.083 0.099 0.035 0.099 0.035	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Transmission Line Work Area Transmission Line Transmission Line Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88994 37.88997 37.88987 37.88987 37.88987 37.88987 37.88987 37.88987 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.87592 37.87592 37.87592	-121.5412 -121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5413 -121.5544 -121.5575 -121.5549 -121.5579 -121.5574 -121.5563 -121.5574 -121.5574 -121.6521 -121.6464 -121.5579 -121.6464
58 60 59 256 252 254 253 482 251 249 248 247 246 481 245 480 244 479 242	AD-169 EM-51 EM-52 EM-53 AD-170 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-176 AD-177 AD-178 AD-178 AD-178 AD-180 AD-181 AD-183 AD-183 AD-185 AD-186	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.105 0.105 0.430 0.058 0.009 0.035 0.099 0.035 0.098 0.098 0.098 0.098	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Noa Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Road Interchange Road Interchange Road Interchange Transmission Line Work Area Transmission Line Work Area Transmission Line Work Area Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88995 37.88999 37.8899 37.8899 37.88986 37.88986 37.8896 37.88267 37.88267 37.88255 37.88253 37.88253 37.88253 37.88192 37.87592 37.87592 37.87592 37.87592	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5544 -121.5545 -121.5413 -121.5544 -121.5575 -121.5544 -121.5574 -121.5574 -121.5562 -121.5574 -121.5574 -121.5574 -121.6521 -121.6521 -121.6527 -121.6457 -121.6457 -121.6457
58 60 59 256 252 254 253 482 251 250 249 248 247 246 481 245 480 244 479 242 478	AD-169 EM-51 EM-52 EM-53 AD-170 AD-171 AD-172 AD-173 AD-174 AD-175 AD-176 AD-177 AD-176 AD-177 AD-178 AD-177 AD-178 AD-179 AD-180 AD-181 AD-181 AD-183 AD-183 AD-185 AD-185 AD-187	Agricultural Ditch Agricultural Ditch Emergent Wetland Emergent Wetland Emergent Wetland Agricultural Ditch Agricultural Ditch	R4 R4 PEM PEM R4 R4 R4	0.118 0.147 0.076 0.120 0.014 0.127 0.045 0.017 0.069 0.430 0.058 0.009 0.007 0.016 0.083 0.009 0.007 0.016 0.083 0.099 0.035 0.099 0.035 0.098 0.104 0.024 0.024 0.024	wide-little vegetation wide-little vegetation narrow band along levee narrow band along levee wide-little vegetation wide-little vegetation wide-little vegetation narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Road Interchange Transmission Line Transmission Line Transmission Line Work Area Road Interchange Transmission Line Work Area Transmission Line Transmission Line	37.89024 37.89023 37.89023 37.89023 37.88995 37.88994 37.88994 37.88987 37.88987 37.88987 37.88987 37.88987 37.88987 37.88267 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.88255 37.87592 37.87592 37.87592 37.87592 37.87592 37.87592 37.87592 37.87592 37.87592	-121.5412 -121.5543 -121.5543 -121.5543 -121.5544 -121.5575 -121.5405 -121.5544 -121.5575 -121.5544 -121.5575 -121.5574 -121.5562 -121.5574 -121.5574 -121.5574 -121.5577 -121.6464 -121.5579 -121.6457 -121.6324

241	AD 100	Agricultural Ditch	D4	0.057	parrow little vegetation	1	Transmission Line	27 96624	121 5660
241	AD-188	Agricultural Ditch	K4	0.057	narrow-little vegetation	L	Transmission Line	37.80034	-121.5008
240	AD-189	Agricultural Ditch	R4	0.069	narrow-little vegetation	L	Transmission Line	37.86625	-121.5724
C 4 2	TC 20	Tidal Channel	D1UD	1 210	Old Biner		Transmission Line	27.0000	121 5725
045	10-20	riuai channei	KIUP	1.510		п	Transmission Line	57.00509	-121.5755
57	SS-17	Scrub-Shrub	PSS	0.143	along ag ditch	L	Transmission Line	37.86543	-121.5748
225	AD 100	Agricultural Ditch	D4	0 172	narrow come vegetation		Transmission Line	27 06 471	121 5760
235	AD-190	Agricultural Ditch	K4	0.173	narrow-some vegetation	L	Transmission Line	37.804/1	-121.5769
234	AD-191	Agricultural Ditch	R4	0.049	narrow-little vegetation	L	Transmission Line	37.86375	-121.5797
220	AD 102	Agricultural Ditch	D4	0.060	parrow little vegetation		Transmission Line	27 06262	121 5605
250	AD-195	Agricultural Ditch	N4	0.069	narrow-little vegetation	L	Transmission Line	57.00505	-121.5005
233	AD-192	Agricultural Ditch	R4	0.088	narrow-little vegetation	L	Transmission Line	37.86321	-121.5813
				0.000	had a st			07.00000	101 5010
228	AD-194	Agricultural Ditch	R4	0.116	narrow-little vegetation	L	Transmission Line	37.86208	-121.5846
243	AD-195	Agricultural Ditch	R4	0 196	medium-some vegetation	1	Transmission Line	37 8614	-121 5865
245	10 155	Agriculturur Ditteri		0.150	mediam some vegetation			57.0014	121.5005
477	AD-196	Agricultural Ditch	R4	0.078	narrow-little vegetation	L	Transmission Line	37.86134	-121.6335
476	AD-197	Agricultural Ditch	R/	0.058	narrow-little vegetation		Transmission Line	37 8606	-121 6320
470	AD-137	Agricultural Diteri	114	0.050	narrow-little vegetation	L .	Transmission Line	57.0000	-121.0525
383	SS-18	Scrub-Shrub	PSS	0.318	narrow band along levee	L	Shaft Location/Access Road	37.86022	-121.5815
228	AD-198	Agricultural Ditch	R/	0.006	narrow-little vegetation		Transmission Line	37 8602	-121 5906
230	AD-130	Agricultural Diteri	114	0.000	harrow-little vegetation	L	Transmission Line	57.0002	-121.5500
237	AD-199	Agricultural Ditch	R4	0.028	narrow-little vegetation	L	Transmission Line	37.86017	-121.5905
236	AD-200	Agricultural Ditch	R/I	0.025	narrow-little vegetation		Transmission Line	37.86	-121 6101
230	AD-200	Agricultural Ditch	1/4	0.023	narrow-little vegetation	L		37.80	-121.0101
475	AD-201	Agricultural Ditch	R4	0.033	narrow-little vegetation	L	Transmission Line	37.85999	-121.6323
217	AD-203	Agricultural Ditch	R/I	0 315	narrow-little vegetation		Reusable Tunnel Material	37 85005	-121 503/
217	AD-203	Agricultural Diteri	114	0.515	harrow-little vegetation	L	Redsable runner waterial	57.05555	-121.5554
215	AD-204	Agricultural Ditch	R4	0.122	narrow-little vegetation	L	Concrete Batch Plant	37.85992	-121.5909
216	AD-208	Agricultural Ditch	R/I	0.047	narrow-little vegetation	1	Reusable Tunnel Material	37 85001	-121 5867
210	AD-208	Agricultural Ditch	1\4	0.047	Harrow-little vegetation	L	Reusable Turiner Material	37.83991	-121.3607
218	AD-205	Agricultural Ditch	R4	0.275	narrow-little vegetation	L	Concrete Batch Plant	37.85991	-121.5886
121	AD 207	Agricultural Ditch	D4	0.045	parrow little vegetation		Transmission Line	27 95001	121 6122
251	AD-207	Agricultural Ditch	N4	0.045	narrow-little vegetation	L	Transmission Line	57.65991	-121.0155
401	AW-1	Alkaline Wetland	PSS	0.242	degraded	L	Transmission Line	37.85991	-121.6135
220	AD-206	Agricultural Ditch	D/	0.045	narrow-little vogotation	1	Transmission Lino	37 0004	101 614
239	AD-200	Agricultural Ditch	r\4	0.045	nanow-little vegetation	L		21.02291	-121.014
225	AD-202	Agricultural Ditch	R4	0.025	narrow-little vegetation	L	Transmission Line	37.8599	-121.6097
222	AD 200	Agricultural Ditch	P4	0 101	modium little vegetation	1	Transmission Line	27 0500	121 6000
232	AD-209	Agricultural Ditch	К4	0.101	medium-incle vegetation	L	IT ANSTRISSION LINE	37.8599	-121.6099
395	AW-2	Alkaline Wetland	PSS	8.680	some grazing	M	Transmission Line	37.8599	-121.6187
22.5	40.214	Anning law - LD11-1		0.022			Deveeble Towned Mathematic	27.05000	101 0051
224	AD-211	Agricultural Ditch	K4	0.023	narrow-little vegetation	L	Reusable Lunnel Material	37.85988	-121.6051
227	AD-210	Agricultural Ditch	R4	0.034	narrow-little vegetation	L	Reusable Tunnel Material	37.85988	-121.6053
				0.004					
222	AD-213	Agricultural Ditch	R4	0.091	medium-some vegetation	L	Reusable Tunnel Material	37.85987	-121.6011
220	AD-212	Agricultural Ditch	R4	0.045	narrow-little vegetation	1	Reusable Tunnel Material	37 85087	-121 6012
220		noncultural Dittell	114	0.045		L L		57.05507	121.0012
214	AD-214	Agricultural Ditch	R4	0.052	narrow-little vegetation	LL	Reusable Tunnel Material	37.8598	-121.5955
204	AD 215	Agricultural Ditch	D/	0.005	parrow little vegetation		Concroto Patch Plant	27 9507	121 5000
204	AD-215	Agricultural Ditch	Ν4	0.005	narrow-little vegetation	L	CONCIELE BALCII PIAIIL	57.6597	-121.5909
209	AD-216	Agricultural Ditch	R4	0.018	narrow-little vegetation	L	Concrete Batch Plant	37.8597	-121.591
200	40.217	Agriculturel Ditch	D4	0.000	an many little uppetation		Deveeble Turned Meterial	27.05000	121 5052
208	AD-Z17	Agricultural Ditch	K4	0.003	narrow-little vegetation	L	Reusable Tunnel Material	37.85968	-121.5953
226	AD-218	Agricultural Ditch	R4	0.014	narrow-little vegetation	L	Reusable Tunnel Material	37.85958	-121.6053
200	AD 240			0.472	little sector		Describe Translater del	27.05042	424 6072
200	AD-219	Agricultural Ditch	R4	0.172	narrow-little vegetation	L	Reusable Tunnel Material	37.85942	-121.6072
384	SS-19	Scrub-Shrub	PSS	0.073	narrow band along levee		Shaft Location/Access Road	37 85866	-121 5828
				0.075		-		57.05000	121.0020
229	AD-220	Agricultural Ditch	R4	0.182	narrow-little vegetation	L	Transmission Line	37.85851	-121.5616
199	ΔD-221	Agricultural Ditch	R4	0 217	narrow-little vegetation		Reusable Tunnel Material	37 85808	-121 6053
155	10 221	Agriculturul Diteri	114	0.217	narrow little vegetation	E		57.05000	121.0055
206	AD-222	Agricultural Ditch	R4	0.177	narrow-little vegetation	L	Concrete Batch Plant	37.85804	-121.5909
223	AD-223	Agricultural Ditch	R/I	0 179	narrow-little vegetation		Reusable Tunnel Material	37 85804	-121 6051
223	AD-223	Agricultural Ditch	R4	0.179	narrow-little vegetation	L	Reusable Tunnel Material	37.85804	-121.6051
223 211	AD-223 AD-224	Agricultural Ditch Agricultural Ditch	R4 R4	0.179	narrow-little vegetation narrow-little vegetation	L	Reusable Tunnel Material Concrete Batch Plant	37.85804 37.85803	-121.6051 -121.591
223 211 202	AD-223 AD-224	Agricultural Ditch Agricultural Ditch	R4 R4	0.179	narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant	37.85804 37.85803	-121.6051 -121.591
223 211 202	AD-223 AD-224 AD-225	Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 R4	0.179 0.440 0.472	narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant	37.85804 37.85803 37.85784	-121.6051 -121.591 -121.5873
223 211 202 528	AD-223 AD-224 AD-225 SS-20	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub	R4 R4 R4 PSS	0.179 0.440 0.472 0.300	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch	L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775	-121.6051 -121.591 -121.5873 -121.5801
223 211 202 528	AD-223 AD-224 AD-225 SS-20	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub	R4 R4 R4 PSS	0.179 0.440 0.472 0.300	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch	L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775	-121.6051 -121.591 -121.5873 -121.5801
223 211 202 528 212	AD-223 AD-224 AD-225 SS-20 AD-227	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch	R4 R4 R4 PSS R4	0.179 0.440 0.472 0.300 0.646	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation	L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material	37.85804 37.85803 37.85784 37.85775 37.85766	-121.6051 -121.591 -121.5873 -121.5801 -121.5956
223 211 202 528 212 198	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4	0.179 0.440 0.472 0.300 0.646 0.531	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775 37.85766 37.8576	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809
223 211 202 528 212 198	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4	0.179 0.440 0.472 0.300 0.646 0.531	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809
223 211 202 528 212 198 219	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material	37.85804 37.85803 37.85784 37.85775 37.85766 37.8576 37.85751	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015
223 211 202 528 212 198 219 207	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4 R4 R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85751	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954
223 211 202 528 212 198 219 207	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-228 AD-229	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4 R4 R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85751	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954
223 211 202 528 212 198 219 207 85	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-228 AD-229 EM-54	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland	R4 R4 PSS R4 R4 R4 R4 R4 R4 PEM	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road	37.85804 37.85803 37.85784 37.85775 37.85766 37.8576 37.85751 37.85748 37.85717	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752
223 211 202 528 212 198 219 207 85 368	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 R4 PEM PSS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry?	L L L L L L L L M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85748 37.85717 37.85712	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752 -121.5745
223 211 202 528 212 198 219 207 85 368	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-228 AD-229 EM-54 SS-21	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 R4 PEM PSS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry?	L L L L L L L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85751 37.85717 37.85717 37.85712	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752 -121.5752
223 211 202 528 212 198 219 207 85 368 40	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-228 AD-229 EM-54 SS-21 CCF-1	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba	R4 R4 PSS R4 R4 R4 R4 R4 PEM PSS R1UB	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay	L L L L L L L L M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85748 37.85717 37.85712 37.85709	-121.6051 -121.591 -121.5873 -121.5801 -121.5809 -121.6015 -121.5954 -121.5954 -121.5752 -121.5745 -121.5804
223 211 202 528 212 198 219 207 85 368 40 86	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland	R4 R4 PSS R4 R4 R4 R4 R4 PEM PSS R1UB PFM	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded	L L L L L L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85751 37.85751 37.85717 37.85717 37.85719 37.85709 37.85709	-121.6051 -121.591 -121.5873 -121.5803 -121.5809 -121.5809 -121.5809 -121.5954 -121.5752 -121.5745 -121.5745 -121.5804
223 211 202 528 212 198 219 207 85 368 40 86 40	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 EN-55	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland	R4 R4 PSS R4 R4 R4 R4 R4 PEM PSS R1UB PEM	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded	L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor	37.85804 37.85803 37.85784 37.85775 37.85766 37.85751 37.85751 37.85748 37.85712 37.85709 37.85709 37.85709	-121.6051 -121.591 -121.5873 -121.5800 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752 -121.5745 -121.5745 -121.5804 -121.5767
223 211 202 528 212 198 219 207 85 368 40 86 54	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 EM-55 FO-37	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest	R4 R4 PSS R4 R4 R4 R4 PEM PSS R1UB PEM PFO	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063 0.078	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal	L L L L L L L L M L L L L H	Reusable Tunnel Material Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road	37.85804 37.85803 37.85784 37.85766 37.85766 37.85766 37.85761 37.85748 37.85717 37.85719 37.85709 37.85703 37.85688	-121.6051 -121.597 -121.5873 -121.5809 -121.5956 -121.5956 -121.5954 -121.5752 -121.5745 -121.5745 -121.5767 -121.5767
223 211 202 528 212 198 219 207 85 368 40 85 368 40 86 54 50	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 R4 PEM PEM PEM PFO PFS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.238 0.482 0.089 0.358 0.063 0.078	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry?	L L L L L L L L L L L L L L L L M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road	37.85804 37.85803 37.85784 37.85766 37.85766 37.85761 37.85751 37.85748 37.85717 37.85712 37.85709 37.85709 37.85688 37.85688	-121.6051 -121.597 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5954 -121.5752 -121.5745 -121.5804 -121.5767 -121.5675 -121.5675
223 211 202 528 212 198 219 207 85 368 40 86 54 54 50	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-23	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 PEM PSS R1UB PEM PFO PSS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063 0.078 0.078	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry?	L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road	37.85804 37.85803 37.85780 37.85766 37.85766 37.85761 37.85761 37.85717 37.85717 37.85709 37.85709 37.85703 37.85688 37.85674	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5745 -121.5745 -121.5747 -121.5767 -121.5675 -121.5675 -121.5675
223 211 202 528 212 198 219 207 85 368 40 85 368 40 86 54 50 371	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 R4 PEM PEM PFO PFS PSS	0.179 0.440 0.472 0.300 0.531 0.476 0.238 0.182 0.089 0.358 0.063 0.078 0.031 0.469	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo	L L L L L L L L L L H M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Fuel Station	37.85804 37.85784 37.85775 37.85766 37.85766 37.85767 37.85748 37.85717 37.85717 37.85719 37.85709 37.85679 37.85674 37.85674 37.85674	-121.6051 -121.597 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5752 -121.5745 -121.5745 -121.5767 -121.5665
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch	R4 R4 PSS R4 R4 R4 R4 PEM PSS R1UB PEM PFO PSS PSS R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063 0.078 0.078 0.031 0.469 0.018	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation	L L L L L L L L L L L H M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station	37.85804 37.85803 37.85785 37.85766 37.85766 37.85761 37.85761 37.85712 37.85709 37.85709 37.85709 37.85703 37.85688 37.85674 37.85669	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5755 -121.5745 -121.5767 -121.5675 -121.575 -121.575 -121.575 -121.575 -121.575 -121.575 -121.575 -121.575
223 211 202 528 212 198 219 207 85 368 40 85 368 40 86 54 50 371 197	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-229 EM-54 EM-55	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Scrub-Shrub	R4 PEM PFO PSS R5S R1UB PEM PFO PSS R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.068 0.078 0.031 0.469 0.018	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation	L L L L L L L L L L H M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant	37.85804 37.85803 37.85784 37.85775 37.85766 37.85766 37.85767 37.85717 37.85717 37.85717 37.85709 37.85709 37.85678 37.85678 37.85674 37.85679	-121.6051 -121.597 -121.5873 -121.5801 -121.5809 -121.5015 -121.5954 -121.5752 -121.5745 -121.5745 -121.5745 -121.5675 -121.5675 -121.5675 -121.5675 -121.5675 -121.571
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-22 SS-22 AD-230 AD-231	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch	R4 R4 PSS R4 R4 R4 R4 R4 PEM PFO PSS PSS R1UB PEM PFO PSS R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.358 0.089 0.358 0.063 0.078 0.031 0.469 0.0118 0.094	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-marsh vegetation narrow-marsh vegetation	L L L L L L L L L L H M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material	37.85804 37.85803 37.85785 37.85766 37.85766 37.85767 37.85767 37.85712 37.85712 37.85712 37.85703 37.85688 37.85674 37.85669 37.85669	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5752 -121.5752 -121.5745 -121.5767 -121.5675 -121.5675 -121.5665 -121.5872 -121.5872 -121.5872
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-24	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Cherent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch	R4 R4 R4 R4 R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 R4 R4 R4 R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.182 0.089 0.358 0.063 0.078 0.031 0.078 0.031 0.0469 0.018 0.018	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry?	L L L L L L L L L L H M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road	37.85804 37.85703 37.85775 37.85766 37.85766 37.85766 37.85776 37.85748 37.85717 37.85712 37.85712 37.85709 37.85679 37.85688 37.85667 37.85668 37.85669	-121.6051 -121.597 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5752 -121.5745 -121.5745 -121.5745 -121.5675 -121.5675 -121.5675 -121.5872 -121.5589
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-24 EM-55	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 PEM PSS R1UB PEM PFO PSS PSS R4 R4 R4 R4 PSS	0.179 0.440 0.472 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.238 0.829 0.358 0.063 0.078 0.031 0.469 0.018 0.094 0.018	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry?	L L L L L L L L L L H M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road	37.85804 37.85803 37.85785 37.85766 37.85766 37.85761 37.85712 37.85712 37.85712 37.85703 37.856703 37.85668 37.85669 37.85669 37.85668	-121.6051 -121.591 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5752 -121.5752 -121.5745 -121.5767 -121.5675 -121.5675 -121.5665 -121.5872 -121.5859 -
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49 375	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-24 EM-56	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Cherent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland	R4 R4 PSS R4 R4 R4 PEM PFO PSS R4 R4 R4 R4 R4 R4 R4 R4 PSS R1UB PFO PSS R4 R4 R4 PSS PSS PEM	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.328 0.089 0.358 0.063 0.078 0.031 0.469 0.018 0.094 0.104	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal	L L L L L L L L L L L M M M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station	37.85804 37.85803 37.85786 37.85766 37.85766 37.85761 37.85717 37.85718 37.85709 37.85709 37.85703 37.85688 37.85674 37.85667 37.85662 37.85662 37.85662	-121.6051 -121.597 -121.5873 -121.5809 -121.5956 -121.5956 -121.5954 -121.5752 -121.5745 -121.5767 -121.5675 -121.5675 -121.5872 -121.5872 -121.5859 -121.5699 -121.5669
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49 375 370	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-24 EM-56 SS-25	Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 PEM PFO PSS R4UB PEM PFO PSS R4 R4 PSS PSS PSS PSS PSS PSS PSS PSS R4 PSS PEM PSS PSS R4 PSS PEM PSS PEM PSS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.0476 0.238 0.0459 0.358 0.063 0.078 0.031 0.469 0.018 0.094 0.104 0.094 0.104	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow	L L L L L L L L H H H M M M M M H	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Ghaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment	37.85804 37.85803 37.85766 37.85766 37.85767 37.85767 37.85775 37.85712 37.85712 37.85703 37.856703 37.85678 37.85674 37.85679 37.85668 37.85668 37.85658	-121.6051 -121.597 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752 -121.5745 -121.5767 -121.5767 -121.5675 -121.5659 -121.5669 -121.5679
223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49 375 370 272	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-22 AD-231 SS-24 EM-56 SS-25 SS-25 SS-20	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub	R4 R4 PSS R4 R4 R4 R4 PEM PFO PSS R4 R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 PSS	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.358 0.089 0.358 0.063 0.078 0.031 0.469 0.018 0.094 0.014 0.008 0.014	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow	L L L L L L L L L L L M M M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment	37.85804 37.85803 37.85786 37.85766 37.85766 37.85761 37.85717 37.85717 37.85719 37.85709 37.85709 37.85709 37.85688 37.85674 37.85668 37.85668 37.85668 37.85668	-121.6051 -121.5973 -121.5873 -121.5809 -121.5956 -121.5956 -121.5954 -121.5745 -121.5745 -121.5745 -121.5804 -121.5675 -121.5675 -121.5872 -121.5872 -121.5879 -121.5859 -121.5669 -121.5669 -121.5669
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223 211 202 528 212 198 219 207 85 368 40 86 54 54 50 371 197 196 49 375 370 373 53	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-22 AD-231 SS-24 EM-56 SS-25 FO-38 DF-17	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Forest Depression	R4 R4 PSS R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 R4 PEM PFO PSS R4 PSS PFS PFO PSS PFM PFS PFO PFS PFO PFO PFO PFO PFO PIIP	0.179 0.440 0.472 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.238 0.476 0.358 0.63 0.078 0.031 0.469 0.031 0.469 0.031 0.469 0.094 0.104 0.086 0.193 0.593	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow mixed willows	L L L L L L L L L L L M L L M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station	37.85804 37.85803 37.85785 37.85766 37.85766 37.85761 37.85761 37.85712 37.85709 37.85709 37.85709 37.85688 37.85674 37.85668 37.85668 37.85668 37.85665 37.85665 37.85651 37.85647	-121.6051 -121.591 -121.5873 -121.5809 -121.5956 -121.5956 -121.5954 -121.5745 -121.5745 -121.5745 -121.5804 -121.5675 -121.5872 -121.5872 -121.5859 -121.5669 -121.5669 -121.5669
223 211 202 528 212 198 219 207 85 368 40 86 54 54 50 371 197 196 49 375 370 373 53	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-24 EM-56 SS-25 FO-38 DE-17	Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Emergent Wetland Scrub-Shrub Emergent Wetland Forest Scrub-Shrub Emergent Wetland Forest Depression	R4 R4 R4 R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 PEM PFO PSS R4 R4 PSS PSS PSS PFO PSS PFO PSS PFO PSS PEM PSS PEM PSS PEM PSS PFO PUB	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.089 0.358 0.063 0.078 0.063 0.078 0.078 0.078 0.018 0.469 0.018 0.094 0.104 0.084 0.104 0.0854 0.093	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow mixed willows constructed channel	L L L L L L L L L L H L L M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station	37.85804 37.85803 37.85775 37.85776 37.85776 37.85776 37.85775 37.85771 37.85712 37.85712 37.85709 37.85709 37.85670 37.85674 37.85667 37.85658 37.85651 37.85651 37.85643	-121.6051 -121.597 -121.5873 -121.5801 -121.5956 -121.5809 -121.6015 -121.5954 -121.5752 -121.5745 -121.5745 -121.5767 -121.5665 -121.5669 -121.5669 -121.5668
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223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49 375 370 373 53 370	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-231 SS-22 AD-230 AD-231 SS-24 EM-55 SS-25 FO-38 DE-17 DE-18 EM-57	Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Forest Depression Depression Emergent Wetland	R4 R4 R4 R4 R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 PSS PFO PSS PSS PSS PSS PSS PFO PSS PFO PSS PFO PSS PEM PSS PEM PSS PEM PUB PUB PUB	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.476 0.238 0.089 0.358 0.063 0.078 0.063 0.078 0.063 0.078 0.063 0.078 0.469 0.018 0.469 0.0193 0.354 0.099 0.354 0.009 0.354	narrow-little vegetation narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow mixed willows constructed channel wetland grass/ruderal	L L L L L L L L L L M M L M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station Forebay Embankment Shaft Location/Access Road	37.85804 37.85803 37.85775 37.85776 37.85776 37.85776 37.85776 37.85771 37.85712 37.85712 37.85712 37.85703 37.85674 37.85674 37.85658 37.85658 37.85651 37.85651 37.85643 37.85643 37.85643	-121.6051 -121.5973 -121.5873 -121.5801 -121.5956 -121.5956 -121.5055 -121.5745 -121.5745 -121.5745 -121.5767 -121.5665 -121.5669 -121.5669 -121.5669 -121.5668 -121.5668 -121.5668 -121.5668
223 211 202 528 212 198 219 207 85 368 40 86 54 40 86 54 50 371 197 196 49 375 370 373 53 53 52 374	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-21 CCF-1 EM-55 FO-37 SS-22 AD-230 AD-230 AD-231 SS-22 AD-230 AD-231 SS-24 EM-56 SS-25 FO-38 DE-17 DE-18 EM-57 V-57	Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Agricultural Ditch Agricultural Ditch Scrub-Shrub Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Depression Emergent Wetland	R4 R4 PSS R4 R4 R4 R4 R4 PEM PFO PSS R4 R4 PFO PSS R4 R4 PFO PSS PFS PFS PFS PFO PSS PFO PSS PFO PUB PUB PEM	0.179 0.440 0.472 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.238 0.476 0.358 0.063 0.078 0.031 0.469 0.013 0.094 0.104 0.086 0.193 0.354	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow mixed willows constructed channel constructed channel wetland grass/ruderal	L L L L L L L M L L M M M M M M M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station Forebay Embankment Shaft Location/Access Road	37.85804 37.85803 37.85766 37.85765 37.85766 37.85761 37.85775 37.85712 37.85712 37.85703 37.856703 37.856703 37.85669 37.85669 37.85668 37.85668 37.85663 37.85643 37.85643 37.85643 37.85643	-121.6051 -121.591 -121.5873 -121.5809 -121.5809 -121.6015 -121.5956 -121.5954 -121.5752 -121.5752 -121.5745 -121.5767 -121.5675 -121.5679 -121.5669 -121.5669 -121.5668 -121.5668 -121.5668 -121.5668
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223 211 202 528 212 198 219 207 85 368 40 86 54 86 54 50 371 197 196 49 375 370 370 373 53 52 374 203 48	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-228 AD-228 AD-228 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-230 AD-231 SS-24 EM-56 SS-25 FO-38 DE-17 DE-18 EM-57 AD-233 EM-57 AD-233	Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Forest Scrub-Shrub Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Agricultural Ditch Emergent Wetland Agricultural Ditch Emergent Wetland Emergent Wetland	R4 R4 R4 PSS R4 R4 R4 R4 PEM PFO PSS R4 R4 PEM PFO PSS R4 R4 PFO PSS PFO PSS PFM PFO PUB PEM R4 R4	0.179 0.440 0.472 0.646 0.531 0.476 0.238 0.476 0.238 0.476 0.238 0.476 0.358 0.063 0.078 0.031 0.469 0.018 0.094 0.104 0.086 0.104 0.086 0.109 0.015 0.864 0.409 0.654	narrow-little vegetation narrow-little vegetation along intermittent ditch narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation blackberry? wetland grass/ruderal sandbar willow mixed willows constructed channel constructed channel constructed channel wetland grass/ruderal marcow-little vegetation	L L L L L L L M L L M M M M M M M M M M	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Tunnel Conveyor Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Tunnel Conveyor Tunnel Conveyor Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station Forebay Embankment Shaft Location/Access Road Reusable Tunnel Material	37.85804 37.85804 37.85780 37.85766 37.8576 37.8576 37.8576 37.85712 37.85712 37.85712 37.85703 37.85670 37.85670 37.85669 37.85669 37.85669 37.85662 37.85651 37.85647 37.85643 37.85643 37.8563 37.8563 37.8563	-121.6051 -121.591 -121.5873 -121.5809 -121.5056 -121.5956 -121.5956 -121.5752 -121.5752 -121.5757 -121.5767 -121.5675 -121.5675 -121.5872 -121.5669 -121.5669 -121.5666 -121.5668 -121.5668 -121.5668 -121.5668 -121.5668
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223 211 202 528 212 198 219 207 85 368 40 86 54 50 371 197 196 49 375 370 373 53 52 374 203 48 372 210 205 51 374 203 48 372 210 205 51 376 639 213 377 191 193 192 201 378 640	AD-223 AD-224 AD-225 SS-20 AD-227 AD-226 AD-229 EM-54 SS-21 CCF-1 EM-55 FO-37 SS-23 SS-22 AD-230 AD-230 AD-231 SS-24 EM-56 SS-25 FO-38 DE-17 DE-18 EM-57 AD-233 EM-58 FO-39 AD-233 EM-58 FO-39 AD-233 EM-58 FO-39 AD-234 AD-235 DE-19 SS-26 FO-39 AD-235 DE-19 SS-26 FO-39 AD-235 DE-19 SS-26 FO-39 AD-235 DE-19 SS-26 FO-39 AD-234 AD-235 DE-19 SS-26 FO-41 AD-237 AD-237 AD-238 AD-238 AD-238 AD-238 AD-239 AD-238 AD-239 AD-238 AD-238 AD-238 AD-238 AD-238 AD-237 AD-237 AD-237 AD-237 AD-238 AD-238 AD-238 AD-238 AD-238 AD-238 AD-239 AD-238 AD-238 AD-238 AD-238 AD-238 AD-238 AD-239 AD-239 AD-237 AD-233 AD-237 AD-	Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Emergent Wetland Scrub-Shrub Clifton Court Foreba Emergent Wetland Agricultural Ditch Agricultural Ditch Agricultural Ditch Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Emergent Wetland Scrub-Shrub Forest Depression Emergent Wetland Forest Agricultural Ditch Agricultural Ditch Depression Scrub-Shrub Forest Tidal Channel Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest Tidal Channel Agricultural Ditch Forest	R4 PEM PFO PSS PSS PFO PSS PFO PUB PUB PEM R4 PFO PSS PFO PUB PEM R4 PFO R4 PFO R4 PFO R4 PFO R4 PFO R4 R4 R4 R4	0.179 0.440 0.472 0.300 0.646 0.531 0.476 0.238 0.089 0.358 0.063 0.078 0.031 0.063 0.078 0.018 0.031 0.469 0.018 0.031 0.469 0.018 0.031 0.469 0.018 0.031 0.0469 0.018 0.0354 0.094 0.104 0.094 0.105 0.055 0.864 0.410 0.662 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 1.0557 0.483 6.049 0.175 0.551 0.551	narrow-little vegetation narrow band along levee blackberry? rock-lined forebay degraded along Huston Canal blackberry? willow/arundo narrow-marsh vegetation narrow-marsh vegetation narrow-marsh vegetation narrow-marsh vegetation sandbar willow mixed willows constructed channel wetland grass/ruderal narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation constructed channel wetland grass/ruderal narrow-little vegetation mixed willows Old River narrow-little vegetation	L L L L L L L L L L L L L L L L L L L	Reusable Tunnel Material Concrete Batch Plant Concrete Batch Plant Tunnel Conveyor Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Fuel Station Concrete Batch Plant Reusable Tunnel Material Shaft Location/Access Road Fuel Station Forebay Embankment Fuel Station Forebay Embankment Shaft Location/Access Road Reusable Tunnel Material Shaft Location/Access Road Reusable Tunnel Material Transmission Line Shaft Location/Access Road Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Shaft Location/Access Road Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material	37.85804 37.85804 37.85784 37.85775 37.85766 37.85776 37.85776 37.85771 37.85717 37.85717 37.85717 37.85709 37.85674 37.85674 37.85662 37.85662 37.85663 37.85658 37.85651 37.85633 37.85633 37.85633 37.85633 37.85631 37.85563 37.85563 37.85592 37.85592 37.85592 37.85551 37.85554 37.85554 37.85554 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529 37.85529	-121.6051 -121.5973 -121.5873 -121.5801 -121.5956 -121.5956 -121.5954 -121.5752 -121.5745 -121.5745 -121.5752 -121.5775 -121.5675 -121.5665 -121.5669 -121.5669 -121.5669 -121.5669 -121.5669 -121.5669 -121.5667 -121.5667 -121.5667 -121.5667 -121.5673 -121.5667 -121.5673 -121.5667 -121.5673 -121.5667 -121.5673 -121.5673 -121.5673 -121.5673 -121.5673 -121.5667 -121.5673 -121.5667 -121.5673 -121.5673 -121.5667 -121.5673 -121.5667 -121.5673 -121.5976 -121.5989

47	EO 42	Foroct	DEO	1 5/0	on instroom island	Ц	Transmission Lino	27 95/70	121 5625
47	F0-43	rolest	FFO	1.349				37.83479	-121.3023
185	AD-241	Agricultural Ditch	K4	0.126	narrow-little vegetation	L	Reusable Tunnel Material	37.85414	-121.5909
184	AD-242	Agricultural Ditch	R4	0.257	narrow-little vegetation	L	Reusable Tunnel Material	37.85411	-121.591
221	AD-232	Agricultural Ditch	R4	2.584	medium-some vegetation	L	Reusable Tunnel Material	37.85381	-121.6017
38	CCF-2	Clifton Court Foreba	R1UB	3.906	rock-lined forebay	L	Shaft Location/Access Road	37.85312	-121.566
188	AD-246	Agricultural Ditch	R/	1 1 2 2	narrow-little vegetation	_	Reusable Tunnel Material	37 85308	-121 5007
100		Farenaent Matland		22 422	Debugerour /Freeboarie	ц. Ц	Chaft Leasting (Assess Deed	37.05300	121.5557
33	EIVI-59	Emergent wetland	PEIVI	22.422	Polygonum/Frankenia	п	Shart Location/Access Road	37.85305	-121.5644
181	AD-243	Agricultural Ditch	R4	0.259	narrow-little vegetation	L	Reusable Tunnel Material	37.85286	-121.5889
194	AD-252	Agricultural Ditch	R4	0.623	narrow-little vegetation	L	Reusable Tunnel Material	37.85234	-121.6048
34	EM-60	Emergent Wetland	PEM	0.544	Polygonum/Frankenia	Н	Shaft Location/Access Road	37.8523	-121.5631
32	\$\$-27	Scrub-Shrub	PSS	0.005	narrow hand on levee	1	Shaft Location/Access Road	37 8518	-121 5622
01	55 27 EM 61	Emorgant Wotland	DEM	2 4 4 0	narrow band along ag ditch	L	Bousship Tuppel Material	27 95155	121.5022
61	EIVI-01		PEIVI	5.440		IVI		57.65155	-121.602
190	AD-245	Agricultural Ditch	R4	0.799	narrow-marsh vegetation	M	Reusable Tunnel Material	37.85154	-121.602
189	AD-247	Agricultural Ditch	R4	0.011	narrow-little vegetation	L	Reusable Tunnel Material	37.85152	-121.596
183	AD-244	Agricultural Ditch	R4	0.926	narrow-little vegetation	L	Reusable Tunnel Material	37.85135	-121.5957
178	AD-248	Agricultural Ditch	R4	0 333	narrow-little vegetation	1	Reusable Tunnel Material	37 85095	-121 5982
190	AD 240	Agricultural Ditch	P/	0.555	narrow little vegetation		Reusable Tunnel Material	27 95092	121.5502
100	AD-245	Agricultural Ditch	N4	0.550		L	Neusable Tunner Material	37.05062	121.551
195	AD-250	Agricultural Ditch	K4	0.384	narrow-little vegetation	L	Reusable Tunnel Material	37.85056	-121.6059
186	AD-253	Agricultural Ditch	R4	0.748	narrow-little vegetation	L	Reusable Tunnel Material	37.8504	-121.594
35	DE-20	Depression	PUB	0.170	pond with some vegetation	M	Shaft Location/Access Road	37.85014	-121.562
179	AD-254	Agricultural Ditch	R4	0.396	narrow-little vegetation	L	Reusable Tunnel Material	37.85008	-121.5874
187	AD-251	Agricultural Ditch	R4	0 381	narrow-little vegetation	1	Reusable Tunnel Material	37 84934	-121 6141
102	AD 251	Agricultural Ditch	R4	0.162	narrow little vegetation		Reusable Tunnel Material	27.94016	121.0141
167	AD-255		N4	0.102		L		57.64910	-121.5950
632	10-31	ridal Channel	K1UB	0.103	Italian Slough-probably not impacted	Н	Reusable Tunnel Material	37.84872	-121.5869
177	AD-256	Agricultural Ditch	R4	0.026	narrow-little vegetation	L	Reusable Tunnel Material	37.84865	-121.596
174	AD-257	Agricultural Ditch	R4	0.143	narrow-little vegetation	L	Reusable Tunnel Material	37.84823	-121.6074
173	AD-258	Agricultural Ditch	R4	0.213	narrow-little vegetation	L	Reusable Tunnel Material	37.84817	-121.6074
397	EM-62	Emergent Watland	DEM	0.063	narrow hand along levee	-	Shaft Location/Access Road	37 8/181/	-121 5801
304	55 20	Corub Charle		0.003	harrow band along level		Chaft Location / Access Road	27.04014	121.3031
381	55-29	SCRUD-Shrub	P55	0.024	narrow band along levee	L	Shart Location/Access Road	37.84793	-121.5899
176	AD-262	Agricultural Ditch	R4	0.277	narrow-little vegetation	L	Reusable Tunnel Material	37.84791	-121.5984
170	AD-260	Agricultural Ditch	R4	0.040	narrow-little vegetation	L	Reusable Tunnel Material	37.8479	-121.6036
175	AD-261	Agricultural Ditch	R4	0.078	narrow-little vegetation	L	Reusable Tunnel Material	37.84789	-121.6205
379	55-28	Scrub-Shrub	PSS	0 277	blackberry?	М	Shaft Location/Access Road	37 84785	-121 5862
424	55 20	Freezent Matland	DEM	0.277	degraded	1	Shaft Location / Access Road	37.04703	121.5002
434	EIVI-03	Emergent wetland	PEIVI	0.330	degraded	L	Shart Location/Access Road	37.84784	-121.5879
167	AD-263	Agricultural Ditch	R4	0.370	narrow-little vegetation	L	Reusable Tunnel Material	37.84774	-121.5988
161	AD-264	Agricultural Ditch	R4	0.181	narrow-little vegetation	L	Reusable Tunnel Material	37.84763	-121.5944
162	AD-265	Agricultural Ditch	R4	0.018	narrow-little vegetation	L	Reusable Tunnel Material	37.84763	-121.5956
61	EM-64	Emergent Wetland	PEM	0.041	degraded	L	Reusable Tunnel Material	37.84742	-121.6135
380	EO-44	Forest	PEO	0.168	narrow hand along levee		Shaft Location / Access Boad	37 8/17/1	-121 5011
380	10-44	A minute and Ditate	FFO	0.108		L .	Shart Location/Access Road	37.84741	-121.3911
1/1	AD-266	Agricultural Ditch	K4	0.262	narrow-little vegetation	L	Reusable Tunnel Material	37.84712	-121.6077
63/	TC-3/	Tidal Channel	D111D	2 2 2 2 2	Italian Claush nanahahiunat manantah	L	Chaft Loopting / Assass Dood	27 0/700	101 500
034	10-34	Tiual Charinei	NIUD	2.260	Italian Slough-probably not impacted	П	Shart Location/Access Road	57.04700	-121.300
172	AD-259	Agricultural Ditch	R10B	0.588	narrow-little vegetation	L	Reusable Tunnel Material	37.84686	-121.560
172 160	AD-259 AD-267	Agricultural Ditch	R4 R4	0.588	narrow-little vegetation	L	Reusable Tunnel Material Reusable Tunnel Material	37.84686 37.84649	-121.588 -121.6052 -121.6192
172 160	AD-259 AD-267	Agricultural Ditch Agricultural Ditch Clifton Court Foreba	R10B R4 R4 R1UB	0.588 0.094 821.682	narrow-little vegetation narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	37.84686 37.84649 37.84621	-121.6052 -121.6192 -121.5762
172 160 46	AD-259 AD-267 CCF-3	Agricultural Ditch Agricultural Ditch Clifton Court Foreba	R4 R4 R1UB	0.588 0.094 821.682	narrow-little vegetation narrow-little vegetation rock-lined forebay		Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area	37.84686 37.84649 37.84621	-121.588 -121.6052 -121.6192 -121.5762
172 160 46 165	AD-259 AD-267 CCF-3 AD-268	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch	R4 R4 R1UB R4	0.588 0.094 821.682 0.184	narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation		Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material	37.84686 37.84649 37.84621 37.84615	-121.588 -121.6052 -121.6192 -121.5762 -121.601
172 160 46 165 168	AD-259 AD-267 CCF-3 AD-268 AD-272	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch	R10B R4 R4 R1UB R4 R4	2.260 0.588 0.094 821.682 0.184 0.211	narrow-little vegetation narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation		Shaft Location/Access Rodu Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material	37.84686 37.84649 37.84621 37.84615 37.84592	-121.588 -121.6052 -121.6192 -121.5762 -121.601 -121.6038
172 160 46 165 168 166	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch	R10B R4 R4 R1UB R4 R4 R4	2.260 0.588 0.094 821.682 0.184 0.211 0.420	Italian Sidugri-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation		Shaft Docarlon/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	37.84686 37.84649 37.84649 37.84615 37.84615 37.84592 37.84591	-121.386 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039
172 160 46 165 168 166 641	AD-259 AD-267 CCF-3 AD-268 AD-268 AD-272 AD-269 TC-33	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel	R10B R4 R4 R1UB R4 R4 R4 R1UB	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397	narrow-little vegetation narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal		Shaft Eucarlon/Access Road Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure	37.84708 37.84686 37.84649 37.84615 37.84615 37.84592 37.84591 37.84588	-121.386 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039 -121.5594
172 160 46 165 168 166 641 638	AD-259 AD-267 CCF-3 AD-268 AD-268 AD-272 AD-269 TC-33 TC-32	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel	R10B R4 R1UB R4 R4 R4 R4 R1UB R1UB	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597	Italian Stotgri-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal West Canal	п L L L L L Н Н	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure	37.84706 37.84686 37.84649 37.84649 37.84615 37.84592 37.84591 37.84588 37.84588	-121.386 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039 -121.5594 -121.5596
172 160 46 165 168 166 641 638	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-33 TC-32 AD 271	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel	R10B R4 R4 R4 R4 R4 R4 R4 R1UB R1UB	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597	Italian Stough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted madum little vegetation	L L L L L L H H	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Porebay Overflow Structure	37.84708 37.84686 37.84649 37.84621 37.84615 37.84592 37.84592 37.84591 37.84588 37.84588 37.84588	-121.386 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039 -121.5594 -121.5596
172 160 46 165 168 166 641 638 163 163 163	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Channel Ditch	R10B R4 R4 R4 R4 R4 R4 R10B R10B R4	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604	Italian Slough-probably Not Impacted narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation		Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material	37.84708 37.84686 37.84649 37.84621 37.84615 37.84592 37.84591 37.84588 37.84583 37.84583	-121.386 -121.6052 -121.6192 -121.5762 -121.6038 -121.6039 -121.5594 -121.5596 -121.5596
172 160 46 165 168 166 641 638 163 169	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270	Ida Channer Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R10B R10B R10B R4 R4 R4	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation	п L L L L H H L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material	37.84708 37.84686 37.84649 37.84615 37.84615 37.84591 37.84581 37.84583 37.84583 37.84583 37.84583	-121.586 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6038 -121.5594 -121.5596 -121.55958 -121.601
172 160 46 165 168 166 641 638 163 169 37	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271 AD-270 CCF-4	Ida Chamer Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba	R10B R4 R1UB R4 R1UB	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay	п L L L L H H H L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure	37.84708 37.84689 37.84649 37.84615 37.84592 37.84592 37.84591 37.84588 37.84583 37.84583 37.84583 37.84583 37.84583	-121.580 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039 -121.5596 -121.5596 -121.5958 -121.601 -121.5606
172 160 46 165 168 166 641 638 163 169 37 39	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271 AD-270 CCF-4 CCF-5	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar	R10B R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4 R1UB	2.260 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120	Italian slough-probably not impacted narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay rock-lined forebay	п L L L L H H L L L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure	37.84708 37.84649 37.84649 37.84649 37.84592 37.84591 37.84583 37.84583 37.84583 37.84583 37.84583 37.84583 37.84583	-121.580 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6039 -121.5594 -121.5594 -121.5595 -121.5958 -121.601 -121.5606
172 160 46 165 168 166 641 638 163 163 163 163 163 159	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-273	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation	п L L L L H H L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material	37.84706 37.84680 37.84649 37.84621 37.84592 37.84591 37.84583 37.84583 37.84583 37.84583 37.84588 37.84588 37.84558 37.84558	-121.580 -121.6052 -121.6192 -121.5762 -121.601 -121.6039 -121.5594 -121.5594 -121.5595 -121.5958 -121.5060 -121.5606 -121.5979
034 172 160 46 165 168 166 641 638 163 169 37 39 159 158	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-274	Itida Channer Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4 R1UB R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.145 0.120 0.330 0.027	Italian Stougn-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation nedium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation	п L L L H H L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	37.84406 37.84649 37.84649 37.84649 37.84592 37.84592 37.84583 37.84583 37.84583 37.84583 37.84588 37.84558 37.84558 37.84558	-121.580 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.5594 -121.5594 -121.5595 -121.5595 -121.5606 -121.5606 -121.5606 -121.5609 -121.5979 -121.5979
172 160 46 165 168 166 641 638 163 169 37 39 159 158	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-274 CCF-5	Itida Clarine Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R10B R10B R4 R10B R4 R10B R10B R4 R4 R4 R4 R4 R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation		Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material	37.84706 37.84686 37.84649 37.84649 37.84691 37.84591 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84461 37.84425	-121.380 -121.6052 -121.6052 -121.6052 -121.6032 -121.6038 -121.6038 -121.5594 -121.5596 -121.5596 -121.5506 -121.5606 -121.5606 -121.5979 -121.5979 -121.5979
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-273 AD-274 CCF-6 CD-277	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Clifton Court Foreba	R10B R4 R4 R4 R4 R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4 R4 R1UB R4 R4 R4 R4 R1UB	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.604 1.084 0.145 0.120 0.330 0.027 214.962	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material	37.844706 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84461 37.84451 37.84558	-121.580 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5596 -121.5596 -121.5595 -121.5606 -121.5606 -121.5606 -121.5699 -121.5799 -121.5795
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-274 CCF-6 AD-275	Ida Clainer Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Clifton Court Foreba Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.039	Italian Stougn-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation rock-lined forebay narrow-little vegetation	п L L L L H H L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Duerflow Structure Reusable Tunnel Material Forebay Eunnel Material Forebay Eunnel Material Forebay Eunnel Material Forebay Eunnel Material Forebay Embankment Transmission Line	37.84406 37.84649 37.84649 37.84649 37.84592 37.84592 37.84583 37.84583 37.84583 37.84583 37.84583 37.84583 37.84583 37.84558 37.84461 37.84461 37.84454 37.84354 37.84354	-121.580 -121.6052 -121.6192 -121.5762 -121.601 -121.6038 -121.6038 -121.5594 -121.5596 -121.5595 -121.5956 -121.5979 -121.5979 -121.5975 -121.5758 -121.5758
$\begin{array}{c} 0.34\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-273 AD-274 CCF-6 AD-275 AD-276	Idar Clainfer Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R10B R4 R4 R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.339 0.007	Italian slough-probably not impacted narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Embankment Transmission Line	37.84706 37.84686 37.84689 37.84682 37.84592 37.84591 37.84593 37.84583 37.84583 37.84583 37.84588 37.84588 37.84588 37.84558 37.84558 37.84461 37.84425 37.84314 37.84314	-121.380 -121.6052 -121.6052 -121.6052 -121.6032 -121.6038 -121.6039 -121.5594 -121.5596 -121.5596 -121.5606 -121.5606 -121.5979 -121.5975 -121.5758 -121.5956 -121.5956
$\begin{array}{c} 0.34\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-5 AD-273 AD-274 CCF-6 AD-275 AD-275 AD-277	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.337 0.597 0.604 1.084 0.125 0.330 0.027 214.962 0.039 0.007 0.818	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation medium-little vegetation		Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line	37.84406 37.84649 37.84649 37.84642 37.84615 37.84591 37.84592 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84455 37.84454 37.84314 37.84314 37.84298 37.84152	-121.580 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5595 -121.5958 -121.5606 -121.5606 -121.5709 -121.5795 -121.5956 -121.5956 -121.5958
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.63\\ 1.63\\ 1.63\\ 1.59\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-273 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch	R10B R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4 R1UB R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.339 0.007 0.818 0.029	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay nork-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line	37.84406 37.84649 37.84649 37.84649 37.84692 37.84592 37.84592 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84451 37.84314 37.84314 37.84152 37.84144	-121.586 -121.6052 -121.6192 -121.5762 -121.501 -121.6039 -121.5594 -121.5596 -121.5595 -121.5958 -121.5066 -121.5979 -121.5975 -121.5956 -121.5956 -121.5958 -121.5958 -121.5958
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-274 CCF-6 AD-277 AD-275 AD-276 AD-277 AD-277 AD-278 AD-279	Itidar Citarifier Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch	R4 R1UB R4 R4 R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.307 0.214.962 0.039 0.007 0.818 0.024	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Enterial Forebay Enter	37.84700 37.84686 37.84689 37.84682 37.84592 37.84592 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84548 37.84548 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314 37.84333 37.843344 37.843344 37.843344 37.8433444437.843344 37.8434444444444444444444444444444444444	-121.580 -121.6052 -121.6052 -121.6052 -121.6052 -121.6038 -121.6039 -121.5594 -121.5596 -121.5596 -121.5979 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-277 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35	Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar Agricultural Ditch Agricultural Ditch	R10B R4 R1UB R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.39 0.007 0.818 0.029 0.024 0.887	Italian Stougn-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Derflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	37.844/06 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314	-121.580 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5958 -121.5606 -121.5606 -121.5979 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956
0.54 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-273 AD-274 CCF-6 AD-275 AD-275 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM CF	Idar Chamler Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel	R10B R4 R4 R4 R4 R4 R4 R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.039 0.007 214.962 0.039 0.027 0.818 0.029 0.024 0.887 0.64	Italian slough-probably not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation marrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line	37.844700 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84461 37.84314 37.84314 37.84152 37.84144 37.83901 37.83825	-121.586 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5596 -121.5595 -121.5958 -121.5958 -121.5955 -121.5955 -121.5956 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 2.6\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-274 CCF-6 AD-275 AD-275 AD-276 AD-277 AD-276 AD-277 AD-277 AD-278 AD-279 TC-35 EM-65	Itidar Charifer Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland	R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.320 0.027 214.962 0.039 0.007 0.818 0.024 0.024 0.887 0.013	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Docation/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Enterial Forebay Enter	37.84706 37.84686 37.84689 37.84682 37.84692 37.84592 37.84591 37.84583 37.84583 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84548 37.84548 37.84548 37.84314 37.84314 37.84314 37.843152 37.84141 37.843901 37.838901 37.838901	-121.580 -121.6052 -121.6052 -121.6052 -121.6038 -121.6038 -121.5594 -121.5596 -121.5596 -121.5506 -121.5606 -121.5979 -121.5956 -121.5956 -121.5956 -121.5955 -
$\begin{array}{c} 0.34\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-270 CCF-6 AD-273 AD-274 CCF-6 AD-275 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel	R10B R4 R1UB R4 R4 R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4 R1UB R4 R1UB PEM R1UB	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.390 0.007 0.818 0.029 0.007 0.818 0.029 0.024 0.031 0.013 0.107	Italian Slough-probably Not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted talian Slough-probably not impacted	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Sthaft Location/Access Road Shaft Location/Access Road	37.84406 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84314 37.84314 37.84314 37.84314 37.84314 37.84314 37.83901 37.83825 37.838	-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5506 -121.5506 -121.5575 -121.5575 -121.5556 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-273 AD-274 CCF-6 AD-275 AD-275 AD-277 AD-277 AD-277 AD-278 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37	Idar Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Itidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel	R10B R4 R1UB R4 R1UB R1UB R1UB R1UB	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.024 0.887 0.013 0.107 0.020	Italian Slough-probably Not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Starts State	37.844/06 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454461 37.84354 37.84354 37.84354 37.84354 37.84152 37.8378901 37.83825 37.83789 37.83789 37.83789	-121.586 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5596 -121.5596 -121.5595 -121.5506 -121.5506 -121.5505 -121.5955 -121.5956 -121.5956 -121.5955 -121.5955 -121.5955 -121.5956 -121.5955 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5024 -121.5956
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-277 AD-274 CCF-6 AD-277 AD-277 AD-276 AD-277 AD-277 AD-276 AD-277 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 TC-37 DE-21	Itida Channer Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Emergent Ditch Didal Channel Depression	R10B R4 R4 R4 R4 R4 R4 R4 R4 R1UB R4 R1UB R4 R1UB PEM R1UB R1UB R1UB PUB	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.339 0.007 0.818 0.029 0.007 0.818 0.029 0.024 0.887 0.013 0.107 0.020	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted talian Slough-probably not impacted Allenrolfea	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road	37.84700 37.84686 37.84649 37.84649 37.84649 37.84592 37.84592 37.84592 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84314 37.84314 37.84324 37.84324 37.84324 37.83789 37.83789 37.83789 37.83789	-121.580 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5958 -121.5979 -121.5979 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-277 AD-278 AD-275 AD-275 AD-275 AD-277 AD-276 AD-277 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-21 DE-21 AW-3	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland	R10B R4 R1UB R4 R1UB PEM R1UB PUB PSS	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.810 0.00700000000	Italian Slough-probably Not impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted along road Italian Slough-probably not impacted Allenrolfea	п L L L H H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road Transmission Line	37.844/06 37.84686 37.84649 37.84649 37.84651 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.845461 37.84314 37.84314 37.84314 37.84314 37.84314 37.8325 37.831452 37.831452 37.83785 37.83789 37.83789 37.83789	-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5994 -121.5994 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.59
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-5 AD-277 AD-274 CCF-6 AD-277 AD-275 AD-277 AD-275 AD-277 AD-277 AD-278 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-36 TC-37 DE-21 AW-4 AW-4	Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland	R10B R4 R4 R4 R4 R4 R4 R4 R10B R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.125 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.024 0.887 0.017 0.020 0.003 3.074	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road Shaft Location/Access Road	37.844/06 37.84649 37.84649 37.84649 37.84621 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8458 37.8458 37.8458 37.8458 37.8458 37.8458 37.8376 37.83765 37.83765 37.83634 37.83634	-121.580 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5979 -121.5979 -121.5956 -121.5955 -121.5956 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5956 -121.59
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.54\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5\\ 1.5$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-37 DE-21 AW-3 AW-4	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Emergent Wetland Alkaline Wetland Alkaline Wetland	R10B R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.339 0.007 0.818 0.029 0.024 0.887 0.013 0.029 0.024 0.887 0.013 0.107 0.020 0.003 3.074 1.041	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation wedium-little vegetation medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Mat	37.84700 37.84686 37.84649 37.84649 37.84649 37.84692 37.84592 37.84592 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84512 37.84314 37.84314 37.83901 37.83789 37.83434 37.83458 37.	-121.586 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5594 -121.5595 -121.5958 -121.5956 -121.5979 -121.5956 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5955 -121.5956 -121.59
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 4.2\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-271 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-278 AD-275 AD-275 AD-275 AD-275 AD-275 AD-275 AD-275 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-21 DE-21 DE-21 AW-3 AW-4 CCF-7	Itidar Citariller Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland Clifton Court Forebar	R10B R4 R1UB R4 R1UB PUB PSS PSS PSS R1UB	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.39 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.094	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted along road Italian Slough-probably not impacted Allenrolfea Allenrolfea	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Enbankment Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road	37.84406 37.84686 37.84649 37.84649 37.8461 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.8458 37.8458 37.8458 37.84144 37.84314 37.8325 37.83785 37.83789 37.83789 37.83789 37.83634 37.83434 37.83256	-121.586 -121.6052 -121.6052 -121.6019 -121.6039 -121.5762 -121.6039 -121.5959 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 4.2\\ 4.5\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-5 AD-277 AD-274 CCF-6 AD-277 AD-275 AD-277 AD-275 AD-275 AD-277 AD-275 AD-277 AD-275 AD-276 AD-277 AD-276 AD-277 AD-276 AD-277 AD-276 AD-277 AD	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland Alkaline Wetland Clifton Court Foreba	R10B R4 R1UB PUB PSS PSS PSS PSS PSS PSS PSS PSS PSS PSS <	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.337 0.597 0.604 1.084 0.450 0.330 0.027 214.962 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.024 0.887 0.013 0.107 0.013 0.107 0.020 0.003 3.074 1.041 1.07996	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road	37.844/06 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.8458 37.83901 37.83825 37.83796 37.83796 37.83796 37.83795 37.83634 37.83434 37.83434	-121.580 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5958 -121.5956 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5922 -121.5742
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.54\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 4.2\\ 4.5\\ 1.53\\ \end{array}$	AD-259 AD-267 CCF-3 AD-268 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-278	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland Clifton Court Foreba Clifton Court Foreba Agricultural Ditch	R10B R4 PUB PSS PSS PSS R4 R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.339 0.007 0.39 0.007 0.818 0.887 0.013 0.029 0.024 0.887 0.013 0.020 0.003 3.074 1.041 7.996 1107.996 1107.996 0.083	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-shrubs	п L L L L H H L L L L L L L L L L L L H H H H H H H H H H H H H	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Mat	37.844/06 37.84649 37.84649 37.84649 37.84649 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84314 37.84152 37.831901 37.83825 37.83796 37.83796 37.83789 3	-121.580 -121.6052 -121.6052 -121.6072 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5958 -121.5958 -121.5979 -121.5975 -121.5955 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -
172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-275 AD-276 AD-277 AD-276 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-211 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5	Itidar Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland Clifton Court Forebar Agricultural Ditch Alkaline Wetland	R10B R4 R1UB R4 R1UB PUB PSS PSS PSS R1UB R1UB R1UB R1UB R1UB R1UB R1UB R1UB R4 PEM	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.39 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.001 0.013 0.003 3.074 1.041 7.996 1107.996	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted along road Italian Slough-probably not impacted Allenrolfea Allenrolfea Allenrolfea narrow-shrubs	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Forebay Enbankment Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road Transmission Line Transmission Line	37.84406 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.83796 37.83796 37.83796 37.83796 37.83796 37.83634 37.83634 37.83256 37.83014 37.83014 37.83014 37.83014	-121.580 -121.6052 -121.6052 -121.601 -121.6039 -121.5594 -121.5594 -121.5596 -121.5596 -121.5596 -121.5506 -121.5506 -121.5979 -121.5979 -121.5975 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -1
334 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-268 AD-272 AD-273 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-277 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-276 AD-277 AD-275 AD-277 AD-275 AD-277 AD-276 AD-277 AD-277 AD-276 AD-277 AD-277 AD-277 AD-278 AD-277 AD-278 AD-279 TC-35 TC-36 TC-36 TC-36 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AW-3 AW-4 CCF-7 CCF-8 AW-3 AW-4 CCF-7 CCF-8 AW-3 AW-4 CCF-7 CCF-8 AW-3 AW-4 CCF-7 CCF-8 AW-3 AW-4 CCF-7 CCF-8 AW-3 AW-4 AC-27 CCF-8 AD-270 CCF-8 AD-276 AD-277 AD-278 AD-277 AD-278 AD-278 AD-278 AD-278 AD-278 AD-278 AD-278 AW-4 CCF-7 CCF-8 AW-4 CCF-7 CCF-8 AW-4 CCF-7 CCF-8 AW-4 CCF-7 CCF-8 AW-4 CCF-7 CCF-8 AW-4 AC-27 CCF-8 AW-4 CCF-7 CCF-8 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-4 CCF-7 CCF-8 AD-28 AW-5 CCF-8 AD-28 AW-5 CCF-8 AD-28 AW-5 CCF-8 AD-28 AW-5 CCF-7 CCF-8 AD-28 AW-5 CCF-7 CCF-8 AW-5 CCF-1 AW-5 CCCF-1 AW-5 CCF-1 CCF-1 AW-5 CCF-1 CC	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Clifton Court Foreba Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland	R4 PEM PSS PSS R1UB R4 R4 R4 R4 R4 PEM R4 PEM NA	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.337 0.597 0.604 1.084 0.420 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.024 0.039 0.024 0.039 0.024 0.033 0.027 0.818 0.029 0.024 0.033 0.107 0.013 0.107 0.020 0.003 3.074 1.041 7.996 1107.996 0.083 0.938 3.846	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetatio	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Structure Transmission Line Transmission Line	37.844/06 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454 37.8454 37.8454 37.84144 37.83901 37.83796 37.83796 37.83796 37.83634 37.83256 37.83014 37.83014 37.83014 37.83014 37.83945	-121.580 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5956 -121.5979 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148	AD-259 AD-267 CCF-3 AD-267 CCF-3 AD-268 AD-272 AD-272 AD-272 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-6 AD-277 AD-274 CCF-6 AD-277 AD-274 AD-277 AD-276 AD-277 AD-276 AD-277 AD-277 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 CO-1 CO-2	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Clifton Court Foreba Agricultaral Ditch Alkaline Wetland Conveyance Channel	R10B R4 R4 R4 R4 R4 R4 R4 R1UB R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4 R4	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 214.962 0.033 0.027 0.013 0.020 0.003 3.074 1.041 7.996 0.083 0.0938 3.846 4.456 0.938	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation narr	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Materi	37.84700 37.84680 37.84649 37.84649 37.84621 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84314 37.84314 37.832901 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83790 37.83250 37.83251 37.83014 37.83014 37.82951 37.83014	-121.586 -121.6052 -121.6052 -121.6072 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5958 -121.5956 -121.5979 -121.5956 -121.5955 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955 -121.5922 -121.5742 -121.57
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-277 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-277 AD-277 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-275 AD-277 AD-275 AD-275 AD-277 AD-275 AD-277 AD-278 AD-279 TC-35 CC-36 TC-36 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2	Itidar Citarine Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Emergent Wetland Alkaline Wetland Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Alkaline Wetland Clifton Court Forebar Agricultural Ditch Alkaline Wetland	R10B R4 R1UB R4 R1UB PUB PSS PSS PSS PSS R4 PEM R4 PEM NA NA NA	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.455 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.39 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.003 3.074 1.041 0.968 0.093 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 1.041 0.020 0.003 3.074 0.020 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.024 0.027 0.024 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.027 0.024 0.020 0.027 0.024 0.020 0.027 0.020 0.027 0.024 0.020 0.027 0.020 0.027 0.020 0.027 0.020 0.020 0.027 0.0200000000	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted along road Italian Slough-probably not impacted Allenrolfea Allenrolfea Allenrolfea forebay narrow-shrubs degraded large constructed channel large constructed channel large constructed channel	п L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Ma	37.84406 37.84686 37.84649 37.84649 37.84621 37.84591 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84314 37.84314 37.84314 37.83144 37.83796 37.83796 37.83796 37.83796 37.83796 37.832951 37.83014 37.83014 37.832951 37.82951 37.82951	-121.580 -121.6052 -121.6052 -121.6032 -121.6039 -121.5039 -121.5594 -121.5596 -121.5596 -121.5596 -121.5506 -121.5506 -121.5979 -121.5979 -121.5978 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -
0.34 172 160 46 165 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152	AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-271 AD-270 CCF-4 CCF-5 AD-270 CCF-4 CCF-5 AD-277 AD-277 AD-277 AD-277 AD-277 AD-275 AD-277 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-275 AD-277 AD-278 AD-279 TC-35 TC-36 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281	Itida Channei Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch Agricultural Ditch Channel Emergent Wetland Clifton Court Foreba Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland Conveyance Channe Conveyance Channe Agricultural Ditch	R4 PUB PSS PSS R1UB R4 PEM R4 PEM NA R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.337 0.597 0.604 1.084 0.425 0.604 1.084 0.420 0.330 0.027 214.962 0.033 0.007 0.818 0.029 0.024 0.037 0.013 0.027 0.818 0.029 0.024 0.818 0.029 0.024 0.813 0.107 0.020 0.003 3.074 1.041 7.996 1.107.996 0.083 0.938 3.846 0.083	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation ltalian Slough-probably not impacted talian Slough-probably not impacted lalenrolfea Allenrolfea Allenrolfea Iarge constructed channel large constructed channel large constructed channel	п L L L L L H H L L L L L L L L L H H H H H H H H H H H H H	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Stratssion Line Transmission Line	37.844/06 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454 37.8454 37.84144 37.83905 37.83755 37.83634 37.83796 37.83796 37.83796 37.83796 37.83796 37.83796 37.83294 37.83014 37.83014 37.82945 37.82945 37.82944 37.82985	-121.586 -121.6052 -121.6052 -121.6192 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5956 -121.5979 -121.5979 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5939 -121.5939 -121.5543
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 145	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-270 CCF-4 CCF-5 AD-273 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-655 TC-37 DE-211 AW-3 AW-4 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281 CCF-9	Itida Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Channel Depression Alkaline Wetland Clifton Court Foreba Clifton Court Foreba Clifton Court Foreba Conveyance Channe Conveyance Channe Conveyance Channe	R10B R4 R1UB PUB PSS PSS R1UB R4 R4 PEM NA NA R4 R1UB	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.039 0.027 214.962 0.039 0.027 0.818 0.029 0.024 0.887 0.020 0.024 0.887 0.020 0.003 3.074 1.041 7.996 1107.996 0.083 0.938 3.846 1.184 0.088 0.938 3.846 1.184 0.088 0.093 0.038 0.037 0.030 0.027 0.020 0.030 0.027 0.020 0.039 0.027 0.020 0.030 0.027 0.020 0.030 0.027 0.020 0.039 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.030 0.027 0.030 0.027 0.030 0.027 0.033 0.027 0.020 0.033 0.027 0.033 0.027 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.033 0.027 0.033 0.027 0.020 0.033 0.027 0.033 0.027 0.033 0.027 0.020 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.020 0.033 0.037 0.0380 0.0380000000000	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation tealian Slough-probably not impacted lalian Slough-probably not impacted lalenrolfea Allenrolfea Allenrolfea cock-lined forebay narrow-shrubs degraded large constructed channel narrow-little vegetation rock-lined forebay	п L L L L L H H L L L L L L L L L H L L H H H H H H H H H H H H H	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Mat	37.844/06 37.84649 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454 37.84314 37.84314 37.83796 37.83796 37.83796 37.83796 37.83796 37.83796 37.83796 37.83256 37.83244 37.83214 37.83014 37.82941 37.82944 37.82898 37.82898 37.82873	-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5595 -121.5595 -121.5506 -121.5506 -121.5955 -121.5955 -121.5956 -121.5956 -121.5955 -121.5955 -121.5955 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 -121.5933 -121.5933 -121.5543 -121.5943
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 143 144	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-2770 CCF-4 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-211 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281 CCF-9 AD-282	Itidar Citariner Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Forebar Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Emergent Wetland Tidal Channel Depression Alkaline Wetland Clifton Court Forebar Agricultural Ditch Alkaline Wetland Clifton Court Forebar Agricultural Ditch Conveyance Channe Agricultural Ditch Clifton Court Forebar Agricultural Ditch Clifton Court Forebar Agricultural Ditch	R4	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.425 0.120 0.330 0.027 214.962 0.330 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.003 0.007 0.007 0.003 0.003 0.007 0.003 0.	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted allenrolfea Allenrolfea Allenrolfea allenrolfea allenrolfea narrow-shrubs degraded large constructed channel large constructed channel large constructed channel narrow-little vegetation	п L L L L H H L L L L L L L L L L L L H H H H H H H H H H H H H	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Cverflow Structure Reusable Tunnel Material Forebay Enbankment Transmission Line Transmission Line Transmission Line Shaft Location/Access Road Shaft Location/Access Road Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Control Structure Work Area Transmission Line Forebay Embankment Forebay Embankment	37.84406 37.84686 37.84649 37.84649 37.84651 37.84591 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84314 37.84314 37.84314 37.84314 37.83901 37.83796 37.83796 37.83796 37.83796 37.83796 37.832951 37.83634 37.83214 37.83014 37.82951 37.82941 37.82945 37.82872 37.82873 37.82873	-121.580 -121.6052 -121.6052 -121.6052 -121.6032 -121.6038 -121.6039 -121.5594 -121.5596 -121.5596 -121.5596 -121.5506 -121.5506 -121.5578 -121.5958 -121.5956 -121.5956 -121.5956 -121.5955 -121.5959 -
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 144 400	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-270 CCF-4 CCF-5 AD-270 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-37 DE-21 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281 CCF-9 AD-282	Ildar Channer Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultaral Ditch Channel Emergent Wetland Clifton Court Forebar Alkaline Wetland Clifton Court Forebar Agricultural Ditch Alkaline Wetland Conveyance Channel Conveyance Channel Conveyance Channel Agricultural Ditch Alkaline Wetland	R4 PUB PSS PSS R1UB R4 PEM NA NA NA R4 R1UB R4 PEM NA R4 <tr< td=""><td>2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.013 0.021 0.020 0.003 3.074 1.041 7.996 1107.996 0.083 0.938 3.846 1.184 0.088 1.184 0.088 1.1847 0.020 0.003 3.074 1.101</td><td>Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted Italian Slough-probably not impacted Allenrolfea Allenrolfea Allenrolfea Iarge constructed channel large constructed channel large constructed channel narrow-little vegetation narrow-little vegetation somewhat degraded</td><td>п L L L L L H H L L L L L L L L L L L H H H H H H H H H H H H H</td><td>Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Storebay Coeffow Structure Material Shaft Location/Access Road Shaft Location Line Transmission Line Sorebay Embankment Forebay Embankment Forebay Embankment</td><td>37.844/06 37.84686 37.84649 37.84649 37.84621 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84144 37.84314 37.83014 37.83795 37.83785 37.83634 37.83796 37.83796 37.83795 37.83634 37.832945 37.8321 37.832945 37.82945 37.82945 37.82945 37.82945 37.82871 37.82871</td><td>-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5596 -121.5596 -121.5595 -121.5506 -121.5506 -121.5506 -121.5556 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5957 -121.5958 -121.5958 -121.5958 -121.5958 -121.5958 -121.5958 -121.5959 -121.59</td></tr<>	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.013 0.021 0.020 0.003 3.074 1.041 7.996 1107.996 0.083 0.938 3.846 1.184 0.088 1.184 0.088 1.1847 0.020 0.003 3.074 1.101	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation West Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted Italian Slough-probably not impacted Allenrolfea Allenrolfea Allenrolfea Iarge constructed channel large constructed channel large constructed channel narrow-little vegetation narrow-little vegetation somewhat degraded	п L L L L L H H L L L L L L L L L L L H H H H H H H H H H H H H	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Storebay Coeffow Structure Material Shaft Location/Access Road Shaft Location Line Transmission Line Sorebay Embankment Forebay Embankment Forebay Embankment	37.844/06 37.84686 37.84649 37.84649 37.84621 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84144 37.84314 37.83014 37.83795 37.83785 37.83634 37.83796 37.83796 37.83795 37.83634 37.832945 37.8321 37.832945 37.82945 37.82945 37.82945 37.82945 37.82871 37.82871	-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5596 -121.5596 -121.5595 -121.5506 -121.5506 -121.5506 -121.5556 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5955 -121.5956 -121.5957 -121.5958 -121.5958 -121.5958 -121.5958 -121.5958 -121.5958 -121.5959 -121.59
$\begin{array}{c} 0.54\\ 1.72\\ 1.60\\ 4.6\\ 1.65\\ 1.68\\ 1.66\\ 6.41\\ 6.38\\ 1.63\\ 1.63\\ 1.69\\ 3.7\\ 3.9\\ 1.59\\ 1.58\\ 4.1\\ 1.57\\ 1.56\\ 1.64\\ 1.54\\ 1.55\\ 6.36\\ 2.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 6.33\\ 6.35\\ 2.7\\ 3.99\\ 6.6\\ 4.2\\ 4.5\\ 1.53\\ 2.5\\ 1.48\\ 1.52\\ 1.48\\ 1.52\\ 1.48\\ 1.52\\ 1.48\\ 1.52\\ 1.48\\ 1.52\\ 1.44\\ 4.0\\ 0.30\\ 3.0\\ 3.0\\ 0$	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-270 CCF-5 AD-277 AD-270 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-21 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281 CCF-9 AD-282	Tidal Channel Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland Conveyance Channel Conveyance Channel Agricultural Ditch Alkaline Wetland Conveyance Channel Agricultural Ditch Alkaline Wetland Conveyance Channel Scrub-Shruh	R10B R4 PUB PSS PSS PSS PSS PSS PSS R4 R4 R4 R4 R4 R4 R4 PSS <t< td=""><td>2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.039 0.027 214.962 0.039 0.027 214.962 0.039 0.027 214.962 0.033 0.027 0.010 0.020 0.024 0.038 0.029 0.024 0.024 0.020 0.023 0.027 0.010 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.024 0.033 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.024 0.029 0.024 0.029 0.024 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.024 0.029 0.024 0.029 0.024 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.023 0.027 0.020 0.021 0.020 0.027 0.033 0.027 0.020 0.027 0.020 0.021 0.020 0.021 0.020 0.027 0.020 0.027 0.020 0.020 0.027 0.020 0.020 0.027 0.020 0.020 0.020 0.021 0.020 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.023 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.038 0.0517 0.1517 0.1517 0.1517</td><td>Italian Stougn-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation</td><td>п L L L L L H H L L L L L L L L L L L L H H H H H H H H H H H H H</td><td>Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Forebay Coverflow Structure Reusable Tunnel Material Reusable Tunnel Material Stratsmission Line Transmission Line Forebay Embankment Forebay Embankment Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line</td><td>37.844/06 37.84649 37.84649 37.84649 37.84649 37.84621 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454 37.8454 37.84314 37.83901 37.83796 37.83796 37.83796 37.83796 37.83795 37.83634 37.83256 37.8321 37.83244 37.82941 37.82944 37.82898 37.82872 37.82871 37.82872 37.82871 37.82871</td><td>-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5955 -121.5955 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5955 -121.5922 -121.5925 -121.5925 -121.5925 -121.5925 -121.5925 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0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 143 144 400 30 26	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-2770 CCF-4 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-211 AW-3 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CO-2 AD-281 CCF-9 AD-282 AW-6 SS-30 CCF-4	Tidar Channel Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Agricultural Ditch Clifton Court Foreba Agricultural Ditch Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland Conveyance Channel Conveyance Channel Agricultural Ditch Alkaline Wetland Conveyance Channel Agricultural Ditch Alkaline Wetland Scrub-Shrub	R4 PSS PSS PSS PSS PSS PSS PSS	2.200 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.425 0.420 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.024 0.023 0.027 0.033 0.007 0.033 0.007 0.818 0.029 0.024 0.024 0.023 0.029 0.024 0.024 0.023 0.029 0.024 0.023 0.029 0.024 0.023 0.029 0.024 0.023 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.007 0.033 0.027 0.020 0.024 0.024 0.029 0.024 0.024 0.029 0.027 0.021 0.020 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.031 0.027 0.033 0.007 0.033 0.027 0.033 0.035	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation rock-lined forebay rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-shrubs degraded large constructed channel large constructed channel narrow-little vegetation somewhat degraded blackberry?	П L L L L H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Storebay Cheging Area Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Transmission Line Control Structure Work Area Transmission Line Forebay Embankment Forebay Embankment Transmission Line Transmission Line	37.84406 37.84686 37.84649 37.84649 37.84651 37.84591 37.84591 37.84591 37.84588 37.84583 37.84588 37.83796 37.83796 37.83796 37.83796 37.832951 37.83634 37.832951 37.832944 37.82951 37.82944 37.82951 37.82872 37.82872 37.82872 37.82872 37.82872 37.82872 37.82871 37.82872	-121.580 -121.6052 -121.6052 -121.6052 -121.6052 -121.6039 -121.5594 -121.5594 -121.5596 -121.5596 -121.5596 -121.5575 -121.5575 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5956 -121.5957 -121.5953 -121.5954 -121.5957 -
0.34 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 144 400 30 36	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-33 TC-32 AD-270 CCF-4 CCF-5 AD-270 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-211 AW-3 AW-4 CCF-7 CC-1 CO-2 AD-2881 CCF-9 AD-282 AW-6 SS-30 CCF-10	Ildar Clariner Agricultural Ditch Agricultural Ditch Clifton Court Forebar Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Agricultural Ditch Clifton Court Forebar Clifton Court Forebar Agricultural Ditch Agricultural Ditch Agricultaral Ditch Agricultaral Ditch Channel Emergent Wetland Clifton Court Forebar Alkaline Wetland Clifton Court Forebar Agricultural Ditch Alkaline Wetland Conveyance Channee Conveyance Channee Conveyance Channee Conveyance Channee Conveyance Channee Clifton Court Forebar Agricultural Ditch Alkaline Wetland Scrub-Shrub Clifton Court Forebar	R10B R4 R1UB PUB PSS PSS PSS R1UB R4 R4 R4 R4 R4 PSS PSS PSS PSS PSS	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.1397 0.604 1.084 0.145 0.120 0.330 0.027 214.962 0.330 0.027 214.962 0.330 0.027 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.818 0.029 0.007 0.013 0.020 0.033 0.0107 0.020 0.033 0.027 0.013 0.020 0.033 0.027 0.013 0.029 0.024 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.033 0.027 0.020 0.020 0.020 0.020 0.021 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.027 0.033 0.027 0.020 0.020 0.020 0.021 0.020 0.021 0.020 0.021 0.020 0.020 0.021 0.020 0.021 0.020 0.021 0.021 0.020 0.0210 0.021 0.0210 0.021000000000	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation talian Slough-probably not impacted Italian Slough-p	п L L L L L H H L L L L L L L L L L L L H H H H H H H H H H H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Embankment Transmission Line Transmission Line	37.844/06 37.84686 37.84649 37.84649 37.84621 37.84615 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84314 37.84314 37.84314 37.84314 37.8315 37.83143 37.83755 37.83634 37.83796 37.83795 37.83634 37.832945 37.832945 37.82945 37.82945 37.82945 37.82871 37.82871 37.82871 37.82871 37.82871 37.82871	-121.586 -121.6052 -121.6052 -121.6072 -121.6072 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5979 -121.5979 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5956 -121.5955 -121.5955 -121.5955 -121.5956 -121.5957 -121.5958 -121.5959 -121.5958 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5959 -121.5957 -121.5555 -121.5957 -121.5555 -121.5957 -121.5555 -121.5957 -121.5957 -121.5555 -121.5557 -121.55
334 172 160 46 165 168 166 641 638 163 169 37 39 159 158 41 157 156 164 155 636 26 633 635 27 399 66 42 45 153 25 148 152 143 144 400 30 36 31	AD-259 AD-259 AD-267 CCF-3 AD-268 AD-272 AD-269 TC-32 AD-271 AD-270 CCF-5 AD-274 CCF-6 AD-275 AD-276 AD-277 AD-278 AD-279 TC-35 EM-65 TC-36 TC-37 DE-21 AW-4 CCF-7 CCF-8 AD-280 AW-4 CCF-7 CCF-8 AD-280 AW-5 CO-1 CC-2 AD-281 CCF-9 AD-282 AW-6 CS-31	Tidal Channel Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Agricultural Ditch Tidal Channel Tidal Channel Agricultural Ditch Clifton Court Foreba Clifton Court Foreba Agricultural Ditch Agricultural Ditch Channel Depression Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland Clifton Court Foreba Agricultural Ditch Alkaline Wetland Conveyance Channe Conveyance Channe Conveyance Channe Conveyance Channe Conveyance Schane Conveyance Schane Scrub-Shrub Clifton Court Foreba Scrub-Shrub	R10B R4 PEM PSS PSS PSS PSS R1UB R4 PEM NA R4 PSS PSS PSS R1UB R4 PSS	2.280 0.588 0.094 821.682 0.184 0.211 0.420 1.397 0.597 0.604 1.084 0.450 0.330 0.027 214.962 0.330 0.027 214.962 0.039 0.007 0.818 0.029 0.024 0.039 0.024 0.039 0.024 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.027 0.033 0.024 0.033 0.020 0.033 0.023 0.038 1.184 0.088 1.184 0.088 1.184 0.088 1.1897 0.517 1.101 1.516 1.1950 0.242	Italian Slough-probably Not Impacted narrow-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation narrow-little vegetation west Canal Italian Slough-probably not impacted medium-little vegetation medium-little vegetation rock-lined forebay narrow-little vegetation narrow-little vegetation nock-lined forebay narrow-little vegetation somewhat degraded blackberry? rock-lined forebay Arundo	п L L L L L H H L L L L L L L L L L L L H H H H H H H H H H H H L L L L L L L L L L L L L	Shaft Location/Access Road Reusable Tunnel Material Forebay Dredging Area Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Reusable Tunnel Material Forebay Overflow Structure Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Forebay Overflow Structure Reusable Tunnel Material Reusable Tunnel Material Structure Reusable Tunnel Material Transmission Line Transmission Line Canal Transmission Line	37.844/06 37.84649 37.84649 37.84649 37.84649 37.84691 37.84591 37.84591 37.84588 37.84588 37.84588 37.84588 37.84588 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.84558 37.8454 37.8454 37.84344 37.83901 37.83796 37.83796 37.83796 37.83796 37.83796 37.83796 37.83796 37.83294 37.83244 37.82945 37.82944 37.82945 37.82841 37.82841 37.82841 37.82841 37.82872 37.82871 37.82871 37.82871 37.82871 37.82871 37.82871 37.82871	-121.586 -121.6052 -121.6052 -121.6032 -121.5762 -121.6039 -121.5594 -121.5594 -121.5596 -121.5595 -121.5956 -121.5979 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5956 -121.5955 -121.5957 -121.5957 -121.5557 -121.5557 -121.5557 -121.5557

70	cc 22	Scrub Shrub	DCC	0.205	degraded	1	Transmission Lino	27 027/7	121 552
73	55-52		F 33	0.365		L .		37.82747	-121.555
433	EIVI-66	Emergent wetland	PEIVI	0.059	in ag field	L	New Forebay	37.8274	-121.5584
392	AW-7	Alkaline Wetland	PSS	0.034	Allenrolfea	Н	Work Area	37.82725	-121.5933
146	AD-283	Agricultural Ditch	R4	0.995	narrow-little vegetation	L	New Forebay	37.827	-121.5593
393	AW-8	Alkaline Wetland	PSS	0.116	narrow band along road	L	Canal	37.82686	-121.5931
62	FM-67	Emergent Wetland	DEM	0.152	pond with some vegetation	 M	New Forebay	37 82654	-121 5727
02	CC 22	Conche Charach		0.152	pond with some vegetation	101	New Forebay	37.82034	121.5727
87	55-33	Scrub-Snrub	P55	0.309	harrow band along ag ditch	M	New Forebay	37.82634	-121.5624
394	AW-9	Alkaline Wetland	PSS	0.029	narrow band along road	L	Work Area	37.82622	-121.5932
141	AD-286	Agricultural Ditch	R4	0.231	narrow-little vegetation	L	Work Area	37.82602	-121.5936
138	AD-284	Agricultural Ditch	R4	1.077	narrow-shrubs	М	New Forebay	37.8257	-121.5727
130	AD-285	Agricultural Ditch	R/I	0 1/13	narrow-little vegetation	1	New Forebay	37 82558	-121 558
135	AD-205	Agricultural Ditch	DEM	0.145	degraded	L .	New Forebay	37.02550	121.550
28	EIVI-08	Emergent wetland	PEIVI	0.169	degraded	L	New Forebay	37.82552	-121.5684
29	EM-69	Emergent Wetland	PEM	0.093	degraded	L	New Forebay	37.82549	-121.5691
80	SS-34	Scrub-Shrub	PSS	0.066	degraded	L	Transmission Line	37.82505	-121.5526
140	AD-287	Agricultural Ditch	R4	0.148	narrow-little vegetation	L	Canal	37.825	-121.5924
149	CO-3	Conveyance Channel	NA	0 913	large constructed channel	1	Transmission Line	37 82435	-121 5968
142	AD 299	Agricultural Ditch	P/	0.102	narrow little vegetation		Forobay Embankmont	27 92425	121.5500
142	AD-200	Agricultural Ditch	N4	0.102		L .		37.82423	-121.3913
88	33-35	Scrub-Shrub	P55	0.168	narrow band along levee	L	Transmission Line	37.82388	-121.5531
137	AD-290	Agricultural Ditch	R4	0.809	narrow-little vegetation	L	New Forebay	37.82384	-121.5661
135	AD-289	Agricultural Ditch	R4	0.780	narrow-little vegetation	L	New Forebay	37.82383	-121.5728
44	CCF-11	Clifton Court Foreba	R1UB	1.014	rock-lined forebay	L	New Forebay	37.82365	-121.5845
24	\$\$-36	Scrub-Shrub	PSS	0 173	degraded	1	New Forebay	37 8236	-121 5775
70	EM-70	Emergent Wotland	DEM	0.647	in ag field	1	Transmission Line	27 97247	-121 55/75
/0	CC 27	Concegent wetiditu		0.047	ni ug neiu		New Fereber	37.0234/	121.3340
23	33-37	scrup-shrub	PSS	0.324	ruuerai	L	New Forebay	37.82344	-121.5784
136	AD-292	Agricultural Ditch	R4	0.402	narrow-little vegetation	L	New Forebay	37.82335	-121.5596
390	SS-38	Scrub-Shrub	PSS	0.228	narrow band between levees	L	New Forebay	37.82327	-121.5789
134	AD-291	Agricultural Ditch	R4	0.071	narrow-little vegetation	L	Forebay Embankment	37.82325	-121.5908
125	AD-293	Agricultural Ditch	R4	0.019	narrow-little vegetation	I	Work Area	37 82268	-121 5957
125	AD 204	Agricultural Ditch	D 4	0.010	narrow little vegetation	г 1	Work Aroa	27 01151	121.5557
120	AU-294	Agricultural DITCN	K4	0.243		L .	work Area	57.82252	-121.5942
131	AD-295	Agricultural Ditch	R4	0.135	narrow-little vegetation	L	Canal	37.82251	-121.5915
474	FO-45	Forest	PFO	0.625	narrow band along ag ditch	M	Transmission Line	37.82209	-121.5547
117	AD-296	Agricultural Ditch	R4	0.053	narrow-riparian vegetation	М	Transmission Line	37.82208	-121.5547
65	FM-71	Emergent Wetland	PFM	0.041	in ag field	1	Work Area	37 82191	-121 5959
122	AD 207	Agricultural Ditch	D4	0.025	narrow little vegetation	-	Work Area	27 9210	121.5555
155	AD-297	Agricultural Ditch	N4	0.055		L	WORKAREa	37.8219	-121.5921
132	AD-298	Agricultural Ditch	R4	0.020	narrow-little vegetation	L	Work Area	37.8217	-121.5923
127	AD-299	Agricultural Ditch	R4	0.052	narrow-little vegetation	L	Work Area	37.82169	-121.5928
124	AD-300	Agricultural Ditch	R4	0.327	narrow-little vegetation	L	New Forebay	37.82167	-121.5666
397	AD-301	Agricultural Ditch	R4	0.048	narrow-little vegetation	L	New Forebay	37.82149	-121.5814
173	AD-302	Agricultural Ditch	R/I	0.648	narrow-little vegetation	1	New Forebay	37 82132	-121 5609
200	AD-302	Agricultural Ditch		0.040		L .	New Forebay	37.02132	121.5005
398	EIVI-72	Emergent wetland	PEIVI	0.184	somewhat degraded	L	New Forebay	37.82125	-121.5812
114	AD-303	Agricultural Ditch	R4	0.053	narrow-little vegetation	L	Work Area	37.82124	-121.5918
111	AD-304	Agricultural Ditch	R4	0.131	narrow-little vegetation	L	Work Area	37.8211	-121.5919
128	AD-305	Agricultural Ditch	R4	0.605	narrow-little vegetation	L	New Forebay	37.82097	-121.571
396	AD-306	Agricultural Ditch	R4	0.020	narrow-little vegetation	1	New Forebay	37 82094	-121 5828
100	AD 207	Agricultural Ditch	R4	0.020			New Forebay	27.02004	121.5020
109	AD-307	Agricultural Ditch	R4	0.055	narrow-little vegetation	L	New Forebay	37.82081	-121.5583
130	AD-308	Agricultural Ditch	R4	0.752	narrow-little vegetation	L	New Forebay	37.82061	-121.576
110	AD-309	Agricultural Ditch	R4	0.054	narrow-little vegetation	L	Work Area	37.82058	-121.5911
120	AD-310	Agricultural Ditch	R4	0.256	narrow-little vegetation	L	Work Area	37.82057	-121.5957
391	AW-10	Alkaline Wetland	PSS	5,145	Allenrolfea	Н	New Forebay	37.82056	-121.5839
1/2	AD 211	Agricultural Ditch	P/	1 /15	parrow little vegetation	1	Now Forebay	27 92000	121 59/5
402	ND 2	Agricultural Ditch	0542	1.415	manow-intrie vegetation	ь Ц	New Forebay	37.82003	121.5045
402	VP-Z	vernal Pool	PEIVIZ	0.033	mostly undisturbed	п	New Forebay	37.81993	-121.5825
107	AD-312	Agricultural Ditch	R4	0.048	narrow-little vegetation	L	Forebay Embankment	37.81987	-121.5582
406	VP-3	Vernal Pool	PEM2	0.015	mostly undisturbed	Н	New Forebay	37.81985	-121.5822
113	AD-313	Agricultural Ditch	R4	0.197	narrow-little vegetation	L	Work Area	37.81985	-121.5895
121	AD-314	Agricultural Ditch	R4	0 143	narrow-little vegetation	1	Forebay Embankment	37 81982	-121 5590
100	VP_4	Vernal Pool	DENAD	0.0/1	mostly undisturbed	<u>с</u>	New Foreboy	37 0107/	-121.5555
400	VD 5			0.041	mostry unustui bed	<u>п</u>	New Forebox	37.019/4	-121.3020
405	VP-5	vernai POOI	PEIVIZ	0.030	mostly undisturbed	H		37.81968	-121.5822
407	VP-6	Vernal Pool	PEM2	0.018	mostly undisturbed	Н	New Forebay	37.81949	-121.5827
403	VP-7	Vernal Pool	PEM2	0.061	mostly undisturbed	Н	New Forebay	37.81948	-121.5824
404	VP-8	Vernal Pool	PEM2	0.041	mostly undisturbed	н	New Forebay	37.8194	-121.5821
116	AD-315	Agricultural Ditch	R4	0.001	narrow-little vegetation	L	Work Area	37.81892	-121.5877
106	AD-316	Agricultural Ditch	R4	0 307	narrow-little vegetation	I	Work Area	37 81878	-121 588
154	CO 4	Convoyones Charmel	N/A	0.307	large constructed channel		Work Area	37.01070	121.000
151	0-4	Conveyance Channel	INA 	0.400	large constructed channel	L		37.818/3	-121.601
108	AD-317	Agricultural Ditch	R4	0.102	narrow-little vegetation	L	i ransmission Line	37.8185	-121.5582
122	AD-320	Agricultural Ditch	R4	0.166	narrow-little vegetation	L	Transmission Line	37.81816	-121.5613
118	AD-319	Agricultural Ditch	R4	0.146	narrow-little vegetation	L	Canal	37.81813	-121.5957
112	AD-318	Agricultural Ditch	R4	0,232	narrow-little vegetation	L	Canal	37,8177	-121.5851
170	ΔD-321	Agricultural Ditch	R/I	0.074	narrow-little vegetation	1	Forebay Embankment	37 917/17	-171 5724
115	AD 222	Agricultural Ditch	D.4	0.0/4	narrow little vegetation	<u>د</u>	Work Aroa	27 01740	121.5/30
115	AD-322	Agricultural Ditch	r:4	0.045		L	WORKAIEd	37.01/18	-121.5847
105	AD-323	Agricultural Ditch	R4	0.038	narrow-little vegetation	L	work Area	37.81695	-121.5847
63	EM-73	Emergent Wetland	PEM	0.469	in depression between levees	M	Forebay Embankment	37.81674	-121.5752
64	EM-74	Emergent Wetland	PEM	0.114	in depression between levees	М	Transmission Line	37.81672	-121.5746
104	AD-325	Agricultural Ditch	R4	0.059	narrow-little vegetation	L	Work Area	37.81668	-121.5978
102	AD-324	Agricultural Ditch	R4	0.047	narrow-little vegetation	-	Canal	37 91660	-121 500
105	AD 220	Agricultural Ditti	N4	0.047		L	Carial	37.01008	-121.399
119	AD-320	Agricultural Ditch	K4	0.096	narrow-little vegetation	L	work Area	37.81667	-121.59/7
147	CO-5	Conveyance Channe	NA	0.673	large constructed channel	L	Canal	37.81661	-121.6028
99	AD-327	Agricultural Ditch	R4	0.014	narrow-little vegetation	L	New Forebay	37.81632	-121.5772
100	CO-6	Conveyance Channel	NA	2.203	large constructed channel	L	Control Structure	37.81607	-121.5728
102	CO-7	Conveyance Channel	NA	1,135	large constructed channel	L	Work Area	37.81607	-121.5728
21	FM-75	Emergent Wotland	DEV	2 360	emergent wetland in swala	- M	Forebay Embankment	37 81604	-121 5765
21		Emergent Wetland		2.300	emergent wetland in swale	IVI NA		37.01004	121.3703
22		Emergent Wetland	PEIVI	0.755	emergent wetland in swale	IVI		37.81595	-121.576
98	AD-328	Agricultural Ditch	R4	0.288	Inarrow-little vegetation	I L	Forebay Embankment	37.81546	-121 5774

150	CO-8	Conveyance Channe	NA	0.133	large constructed channel	L	Work Area	37.81544	-121.6038
95	AD-329	Agricultural Ditch	R4	0.170	narrow-little vegetation	L	Canal	37.81437	-121.5784
97	AD-330	Agricultural Ditch	R4	0.074	narrow-little vegetation	L	Work Area	37.8138	-121.579
96	AD-331	Agricultural Ditch	R4	0.161	narrow-little vegetation	L	Work Area	37.81367	-121.5797
101	CO-9	Conveyance Channe	NA	0.349	large constructed channel	L	Transmission Line	37.81273	-121.5781
94	AD-332	Agricultural Ditch	R4	0.049	narrow-little vegetation	L	Transmission Line	37.8119	-121.5772
93	AD-333	Agricultural Ditch	R4	0.009	narrow-little vegetation	L	Transmission Line	37.81175	-121.5768
92	AD-334	Agricultural Ditch	R4	0.043	narrow -little vegetation	L	Transmission Line	37.81089	-121.5776
642	TC-38	Tidal Channel	R1UB	2.730	Old River	Н	Operable Barrier	37.80804	-121.3293



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E Sources: CM1 Wetland Study Area (DWP Prepared by: Division of Environmental Services Department of Water Resources 3600 industrial Bbd. West Sacramento, CA 95691



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Sources: CM1 Wetland Study Area (DWF Prepared by: Division of Environmental Services Department of Water Resources 3500 Industrial Blvd. West Sacramento, CA 95691



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Delta Habitat Conservation & Conveyance Program (DHCCP)

Conceptual Engineering Report

July 1, 2015