CALIFORNIA
Water Boards

Edmund G. Brown Jr.
Governor

Matthew Rodriquez
Secretary for
Environmental Protection

Central Valley Regional Water Quality Control Board

26 August 2016

Chris Goddard
United States Army Corps of Engineers
1325 J Street
Sacramento, CA 95814-2922

CERTIFIED MAIL
91 7199 9991 7035 8417 7297

CLEAN WATER ACT SECTION 401 TECHNICALLY CONDITIONED WATER QUALITY CERTIFICATION; UNITED STATES OF ARMY CORPS OF ENGINEERS, 2016 SACRAMENTO DEEP WATER SHIP CHANNEL MAINTENANCE DREDGING PROJECT (WDID#5A57CR00147), CONTRA COSTA, SACRAMENTO, SOLANO, AND YOLO COUNTIES

This Order responds to the 27 July 2016 application submitted by the United States Army Corps of Engineers (Applicant) for the Water Quality Certification of the 2016 Sacramento Deep Water Ship Channel Maintenance Dredging Project (Project), permanently impacting 53.03 acres/13,200 linear feet of waters of the United States.

This Order serves as certification of the United States Army Corps of Engineers' Section 404(b)(1) Water Quality Evaluation under Section 401 of the Clean Water Act, and a Waste Discharge Requirement under the Porter-Cologne Water Quality Control Act.

WATER QUALITY CERTIFICATION STANDARD CONDITIONS:

1. This Order serves as a Water Quality Certification (Certification) action that is subject to modification or revocation upon administrative or judicial review, including review and amendment pursuant to Section 13330 of the California Water Code and Section 3867 of the California Code of Regulations.

2. This Certification action is not intended and shall not be construed to apply to any discharge from any activity involving a hydroelectric facility requiring a Federal Energy Regulatory Commission (FERC) license or an amendment to a FERC license unless the pertinent Certification application was filed pursuant to Section 3855(b) of the California Code of Regulations, and the application specifically identified that a FERC license or amendment to a FERC license for a hydroelectric facility was being sought.

3. The validity of any non-denial Certification action shall be conditioned upon total payment of the full fee required under Section 3860(c) of the California Code of Regulations.

4. This Certification is no longer valid if the Project (as described) is modified, or coverage under Section 404 of the Clean Water Act has expired.

5. All reports, notices, or other documents required by this Certification or requested by the Central Valley Regional Water Quality Control Board (Central Valley Water Board) shall be signed by a person described below or by a duly authorized representative of that person.

   (a) For a corporation: by a responsible corporate officer such as: 1) a president, secretary, treasurer, or vice president of the corporation in charge of a principal business function; 2) any other person who performs similar policy or decision-making functions for the corporation; or 3) the manager of one or more manufacturing, production, or operating facilities if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
   (b) For a partnership or sole proprietorship: by a general partner or the proprietor.
   (c) For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.

6. Any person signing a document under Standard Condition number 5 shall make the following certification:

   "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

TECHNICAL CERTIFICATION CONDITIONS:

In addition to the above standard conditions, the Applicant shall satisfy the following:

1. The Applicant shall notify the Central Valley Water Board in writing seven (7) days in advance of the start of any work within waters of the United States.

2. Except for activities permitted by the United States Army Corps of Engineers under Section 404 of the Clean Water Act, soil, silt, or other organic materials shall not be placed where such materials could pass into surface water or surface water drainage courses.

3. The Applicant shall maintain a copy of this Certification and supporting documentation (Project Information Sheet) at the Project site during construction for review by site personnel and agencies. All personnel (employees, contractors, and subcontractors)

performing work on the proposed Project shall be adequately informed and trained regarding the conditions of this Certification.

4. The Applicant shall perform surface water sampling:
   a) when performing any in-water work;
   b) in the event that Project activities result in any materials reaching surface waters; or
   c) when any activities result in the creation of a visible plume in surface waters.

The sampling requirements in Table 1 shall be conducted upstream out of the influence of the Project, within the ambient conditions in the work area, and 300 feet downstream of the work area. The sampling frequency may be modified for certain projects with written approval from Central Valley Water Board staff.

Table 1: Monitoring Requirements

Parameter	Unit	Type of Sample	Minimum Sampling Frequency	Required Analytical Test Method
Turbidity	NTU	Grab(1)	Every 4 hours during in-water work	(2, 4)
Settleable Material	mL/L	Grab(1)	Every 4 hours during in-water work	(2)
Visible construction related pollutants (3)	Observations	Visual Inspections	Continuous throughout the construction period	—
Temperature	°F (or as °C)	Grab(1)	Every 4 hours during in-water work	(2, 4)
pH	Standard Units	Grab(1)	Every 4 hours during in-water work	(2, 4)
Dissolved Oxygen (DO)	mg/L & % saturation	Grab(1)	Every 4 hours during in-water work	(2, 4)

(1) Grab samples shall not be collected at the same time each day to get a complete representation of variations in the receiving water.
(2) Pollutants shall be analyzed using the analytical methods described in 40 Code of Federal Regulations Part 136; where no methods are specified for a given pollutant, the method shall be approved by Central Valley Water Board staff.
(3) Visible construction-related pollutants include oil, grease, foam, fuel, petroleum products, and construction-related, excavated, organic or earthen materials.
(4) A hand-held field meter may be used, provided the meter utilizes a USEPA-approved algorithm/method and is calibrated and maintained in accordance with the manufacturer's instructions. A calibration and maintenance log for each meter used for monitoring shall be maintained onsite.

Surface water sampling shall occur at mid-depth. A surface water monitoring report shall be submitted within two weeks of initiation of in-water construction, and every two weeks thereafter. In reporting the sampling data, the Applicant shall arrange the data in tabular

form so that the sampling locations, date, constituents, and concentrations are readily discernible. The data shall be summarized in such a manner to illustrate clearly whether the Project complies with Certification requirements. The report shall include surface water sampling results, visual observations, and identification of the turbidity increase in the receiving water applicable to the natural turbidity conditions specified in the turbidity criteria below.

If no sampling is required, the Applicant shall submit a written statement stating, “No sampling was required” within two weeks of initiation of in-water construction, and every two weeks thereafter.

5. The Central Valley Water Board adopted a *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised April 2016 (Basin Plan) that designates beneficial uses, establishes water quality objectives, and contains implementation programs and policies to achieve those objectives for all waters addressed through the plan. Turbidity, settleable matter, temperature, pH, and dissolved oxygen limits are based on water quality objectives contained in the Basin Plan and are part of this Certification as follows:

   a) Activities shall not cause turbidity increases in surface water to exceed:
      i. where natural turbidity is less than 1 Nephelometric Turbidity Units (NTUs), controllable factors shall not cause downstream turbidity to exceed 2 NTUs;
      ii. where natural turbidity is between 1 and 5 NTUs, increases shall not exceed 1 NTU;
      iii. where natural turbidity is between 5 and 50 NTUs, increases shall not exceed 20 percent;
      iv. where natural turbidity is between 50 and 100 NTUs, increases shall not exceed 10 NTUs; and
      v. where natural turbidity is greater than 100 NTUs, increases shall not exceed 10 percent.

   Appropriate averaging periods may be applied, provided that beneficial uses will be fully protected.

   Exceptions to the above limits will be considered when a dredging operation can cause an increase in turbidity. In those cases, an allowable zone of dilution within which turbidity in excess of the limits may be tolerated will be defined for the operation and prescribed in a discharge permit.

   For Delta waters, the general objectives for turbidity apply subject to the following: except for periods of storm runoff, the turbidity of Delta waters shall not exceed 50 NTUs in the waters of the Central Delta and 150 NTUs in other Delta waters.

   Activities shall not cause settleable matter to exceed 0.1 mL/L in surface waters as measured in surface waters within immediate surface waters and 300 feet downstream of the Project.

b) Activities shall not cause temperature in surface waters to increase more than 5°F above natural receiving water temperature for waters with designated COLD or WARM beneficial uses.

c) Activities shall not cause pH to be depressed below 6.5 nor raised above 8.5 in surface water.

d) Activities shall not cause dissolved oxygen to be reduced below 7.0 mg/L.

6. The Applicant shall notify the Central Valley Water Board immediately if the above criteria for turbidity, settleable matter, temperature, pH, dissolved oxygen, or other water quality objectives are exceeded.

7. The Applicant shall adequately participate in the Delta RMP through in-kind services or financial contributions to support the monitoring and reporting efforts of the RMP. Confirmation of participation in the Delta RMP must be submitted to the Central Valley Water Board by 26 September 2016.

8. In-water work shall occur during periods of low flow and no precipitation.

9. Activities shall not cause visible oil, grease, or foam in the receiving water.

10. Refueling of equipment within the floodplain or within 300 feet of the waterway is prohibited. If critical equipment must be refueled within 300 feet of the waterway, spill prevention and countermeasures must be implemented to avoid spills. Refueling areas shall be provided with secondary containment including drip pans and/or placement of absorbent material. No hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, or other construction-related potentially hazardous substances should be stored within a floodplain or within 300 feet of a waterway. The Applicant must perform frequent inspections of construction equipment prior to utilizing it near surface waters to ensure leaks from the equipment are not occurring and are not a threat to water quality.

11. The Applicant shall develop and maintain onsite a project-specific Spill Prevention, Containment and Cleanup Plan outlining the practices to prevent, minimize, and/or clean up potential spills during construction of the Project. The Plan must detail the Project elements, construction equipment types and location, access and staging and construction sequence.

12. Raw cement, concrete (or washing thereof), asphalt, drilling fluids, lubricants, paints, coating material, oil, petroleum products, or any other substances which could be hazardous to fish and wildlife resulting from or disturbed by project-related activities, shall be prevented from contaminating the soil and/or entering waters of the United States.

13. The discharge of petroleum products, any construction materials, hazardous materials, pesticides, fuels, lubricants, oils, hydraulic fluids, raw cement, concrete, asphalt, paint, coating material, drilling fluids, or other construction-related potentially hazardous

substances to surface water and/or soil is prohibited. In the event of a prohibited discharge, the Applicant shall notify the Central Valley Water Board Contact within 24-hours of the discharge.

14. Silt fencing, straw wattles, or other effective management practices must be used along the construction zone to minimize soil or sediment along the embankments from migrating into the waters of the United States through the entire duration of the Project.

15. The use of netting material (e.g., monofilament-based erosion blankets) that could trap aquatic dependent wildlife is prohibited within the Project area.

16. All areas disturbed by Project activities shall be protected from washout and erosion.

17. All temporarily affected areas shall be restored to pre-construction contours and conditions upon completion of construction activities.

18. All materials resulting from the Project shall be removed from the site and disposed of properly.

19. This Certification does not allow permanent water diversion of flow from the receiving water. This Certification is invalid if any water is permanently diverted as a part of the project.

20. The Applicant shall apply for a name change or amendment to this Certification should any of the following occur: a) a change in the ownership of all or any portion of the Project; b) any change in the Project description; c) any change involving discharge amounts, temporary impacts, or permanent impacts; or d) amendments, modifications, revisions, extensions, or changes to the United States Army Corps of Engineers' 404(b)(1) Water Quality Evaluation.

21. The Applicant shall obtain coverage under the National Pollutant Discharge Elimination System (NPDES) General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities Order No. 2009-0009-DWQ for discharges to surface waters comprised of storm water associated with construction activity.

22. The Conditions in this Certification are based on the information in the attached "Project Information Sheet" and the application package. If the actual project, as described in the attached Project Information Sheet and application package, is modified or changed, this Certification is no longer valid until amended by the Central Valley Water Board.

23. In the event of any violation or threatened violation of the conditions of this Certification, the violation or threatened violation shall be subject to any remedies, penalties, process, or sanctions as provided for under state and federal law. The applicability of any state law authorizing remedies, penalties, process, or sanctions for the violation or threatened violation constitutes a limitation necessary to ensure compliance with this Certification.

(a) If the Applicant or a duly authorized representative of the Project fails or refuses to furnish technical or monitoring reports, as required under this Certification, or falsifies any information provided in the monitoring reports, the applicant is subject to civil liability, for each day of violation, and/or criminal liability.

(b) In response to a suspected violation of any condition of this Certification, the Central Valley Water Board may require the Applicant to furnish, under penalty of perjury, any technical or monitoring reports the Central Valley Water Board deems appropriate, provided that the burden, including cost of the reports, shall be in reasonable relationship to the need for the reports and the benefits to be obtained from the reports.

(c) The Applicant shall allow the staff of the Central Valley Water Board, or an authorized representative(s), upon the presentation of credentials and other documents, as may be required by law, to enter the Project premises for inspection, including taking photographs and securing copies of project-related records, for the purpose of assuring compliance with this Certification and determining the ecological success of the Project.

NOTIFICATIONS AND REPORTS:

24. The Applicant shall provide a Notice of Completion (NOC) no later than 30 days after the Project completion. The NOC shall demonstrate that the Project has been carried out in accordance with the Project description in the Certification and in any approved amendments. The NOC shall include a map of the Project location(s), including final boundaries of any on-site restoration area(s), if appropriate, and representative pre and post construction photographs. Each photograph shall include a descriptive title, date taken, photographic site, and photographic orientation.

25. The Applicant shall submit all notifications, submissions, materials, data, correspondence, and reports in a searchable Portable Document Format (PDF). Documents less than 50 MB must be emailed to: centralvalleysacramento@waterboards.ca.gov. In the subject line of the email, include the Central Valley Water Board Contact, Project name, and WDID number as shown in the subject line above. Documents that are 50 MB or larger must be transferred to a disk and mailed to the Central Valley Water Board Contact.

CENTRAL VALLEY WATER BOARD CONTACT:

Stephanie Tadlock, Environmental Scientist
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670-8114
Stephanie.Tadlock@waterboards.ca.gov
(916) 464-4644

CALIFORNIA ENVIRONMENTAL QUALITY ACT:

The Central Valley Water Board has determined that this project meets the Categorical Exemption under: 1) Section 15301 of the California Code of Regulations, which exempts the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination; and 2) Section 15304 of the California Code of Regulations, which exempts minor public or private alterations in the condition of land, water, and/or vegetation and includes maintenance dredging where the spoil is deposited in a spoil area authorized by all applicable state and federal regulatory agencies.

PUBLIC NOTICING:

The Central Valley Water Board provided public notice for this Certification on 22 August 2016. Emergency conditions – including ships not being able to bring full loads in or out of the port, the risk of ships being grounded, increased difficulty in ship maneuverability, and a work window limited by potential impacts to endangered migratory fish – warrant issuing this Certification immediately with an abbreviated public notice period, as authorized under California Code of Regulations, Title 23, Section 3858.

WATER QUALITY CERTIFICATION:

I hereby issue an Order certifying that any discharge from the United States Army Corps of Engineers, 2016 Sacramento Deep Water Ship Channel Maintenance Dredging Project (WDID#5B39CR00272) will comply with the applicable provisions of Section 301 ("Effluent Limitations"), Section 302 ("Water Quality Related Effluent Limitations"), Section 303 ("Water Quality Standards and Implementation Plans"), Section 306 ("National Standards of Performance"), and Section 307 ("Toxic and Pretreatment Effluent Standards") of the Clean Water Act. Through this Order, this discharge is also regulated under State Water Resources Control Board Water Quality Order No. 2003-0017 DWQ "Statewide General Waste Discharge Requirements For Dredged Or Fill Discharges That Have Received State Water Quality Certification (General WDRs)".

Except insofar as may be modified by any preceding conditions, all Certification actions are contingent on: a) the discharge being limited and all proposed mitigation being completed in compliance with the conditions of this Certification, the United States Army Corps of Engineers' application package, and the attached Project Information Sheet; and b) compliance with all applicable requirements of the *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised April 2016.

Any person aggrieved by this action may petition the State Water Resources Control Board to review the action in accordance with California Water Code Section 13320 and California Code of Regulations, Title 23, Section 2050 and following. The State Water Resources Control Board must receive the petition by 5:00 p.m., 30 days after the date of this action, except that if the thirtieth day following the date of this action falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Water Resources Control Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality or will be provided upon request.

Original Signed by Adam Laputz for

Pamela C. Creedon
Executive Officer

Enclosure: Project Information Sheet

Attachments: Figure 1 – Project Location Map
Figures 2a-2g – Sacramento Deep Water Ship Channel Reach Maps

cc: Distribution List, page 14

PROJECT INFORMATION SHEET

Application Date: 22 August 2016

Applicant: Chris Goddard
United States Army Corps of Engineers
1325 J Street
Sacramento, CA 95814-2922

Applicant Representative: Pamela O. Patten
United States Army Corps of Engineers
1325 J Street
Sacramento, CA 95814-2922

Project Name: 2016 Sacramento Deep Water Ship Channel Maintenance Dredging Project

Application Number: WDID#5A57CR00147

Date on Public Notice: 22 August 2016

Date Application Deemed Complete: 22 August 2016

Type of Project: Boating and Navigation

Approved Months of Project Implementation: 26 August 2016 to 31 October 2016

Project Location: Start: Latitude: 38.086555°; Longitude: -121.7488441°
End: Latitude: 38.161767°; Longitude: -121.681838°

County: Contra Costa, Sacramento, Solano, and Yolo Counties

Receiving Water(s) (hydrologic unit): Sacramento River, Sacramento Hydrologic Basin, Sacramento Delta Hydrologic Unit #510.00

Water Body Type: Streambed

Designated Beneficial Uses: The *Water Quality Control Plan for the Sacramento River and San Joaquin River Basins*, Fourth Edition, revised April 2016 (Basin Plan) has designated beneficial uses for surface and ground waters within the region. Beneficial uses that could be impacted by the project include, but are not limited to: Municipal and Domestic Water Supply (MUN); Agricultural Supply (AGR); Industrial Supply (IND); Hydropower Generation (POW); Groundwater Recharge (GWR); Water Contact Recreation (REC-1); Non-Contact Water Recreation (REC-2); Warm Freshwater Habitat (WARM); Cold Freshwater Habitat (COLD); Preservation of Biological Habitats of Special Significance (BIOL); Rare, Threatened, or Endangered Species (RARE); Migration of Aquatic Organisms (MIGR); Spawning,

Reproduction, and/or Early Development (SPWN); and Wildlife Habitat (WILD). A comprehensive and specific list of the beneficial uses applicable for the project area can be found at http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/index.shtml.

303(d) List of Water Quality Limited Segments: The Sacramento River is the receiving water for the 2016 Sacramento Deep Water Ship Channel Maintenance Dredging Project. The Sacramento River in the Delta Waterways (northern portion) is on the 303(d) list for chlordane, chlorpyrifos, DDT, diazinon, dieldrin, group A pesticides, invasive species, mercury, and PCBs. The most recent list of approved water quality limited segments is found at: http://www.waterboards.ca.gov/water_issues/programs/tmdl/integrated2010.shtml.

Project Description: The 2016 Sacramento Deep Water Ship Channel (DWSC) Maintenance Dredging Project (Project) will dredge the Sacramento DWSC to a depth of 30 feet (plus two-foot allowable overdredge) for navigation of ship traffic to the Port of Sacramento.

Dredging Activities

The Discharger will conduct dredging and dredge material disposal activities at the following seven (7) reaches and dredge material disposal (DMD) sites as described in Table 2.

Table 2: Dredging and Placement Sites

Reach	Approximate River Mile		Station (ft)		Placement Site	Location	Amount of Dredge Material (cubic yards)
	From	To	From	To			
1	4.55	6.06	240.00	320.00	Augusto Pit S-20	Decker Island	50,646
2	6.25	6.82	330.00	360.00	Decker Island		12,703
3	7.01	7.48	370.00	395.00	Decker Island		2,484
4	7.39	7.86	390.00	415.00	Rio Vista S-16		1,864
5	9.09	9.47	480.00	500.00	Rio Vista S-16	Rio Vista	3,587
6	12.10	12.69	639.00	670.00	Grand Island S-14		2,298
7	12.76	13.31	672.00	703.00	S-31		6,308
						TOTAL	**79,890**

Dredged material will be removed by hydraulic cutter head suction dredge, or with suction dredge (when dredging within 50 feet of utility crossings), and transported by pipeline for placement into the dredged material placement (DMP) sites listed above, which are authorized for use under the General Order. Clamshell dredging may be employed in limited cases where access is restricted or debris is too large for hydraulic dredging.

The Port of Sacramento received a Notice of Applicability No. 5-01-116-001-0001, dated 26 August 2016 for the disposal of the dredge materials.

Delta Regional Monitoring Plan Participation

The Delta waterways are listed pursuant to Clean Water Act (CWA) section 303(d) as impaired for chlordane, chlorpyrifos, DDT, diazinon, dieldrin, group A pesticides, invasive species, mercury, and PCBs. The Delta Regional Monitoring Program (Delta RMP) was created to coordinate the Delta-wide monitoring, reporting, and assessment of water quality necessary for understanding regional water quality conditions and trends. Currently the Delta RMP Monitoring Design is focusing on pesticides and toxicity, pathogens, nutrients, and mercury, and is monitoring several of these constituents at various locations throughout the Delta.

Project activities will change the geometry of the channel and water residence time, which has the potential to affect the methylation of mercury, dissolved oxygen levels, and exacerbate the effects of nutrient concentrations which may lead to increased production of blue-green algae, macrophytes (water hyacinth and Egeria densa), shifts in algal species composition, and taste and odor problems in drinking water. Dredging activities also have the potential to impact chlorpyrifos, DDT, diazinon, and other pesticide levels by disturbing sediment, which may mobilize these chemicals. Because dredging activities will impact these long-term Delta water quality concerns, the Applicant is required by this Certification to adequately participate in the Delta RMP through in-kind services or financial contributions to support the monitoring and reporting efforts of the RMP. The Delta RMP Steering Committee will determine what constitutes adequate participation in the Delta RMP. Confirmation of participation in the Delta RMP must be submitted to the Central Valley Water Board by 26 September 2016.

Summary of Impacts

No dewatering will occur within the Project area. No wet concrete will be placed into the Sacramento River or Sacramento Deep Water Ship Channel. The Project will permanently impact 53.03 acres/13,200 linear feet of waters of the United States.

Preliminary Water Quality Concerns: In addition to the potential water quality impacts described above, construction activities may impact surface waters with increased turbidity, settleable matter, temperature, pH, and dissolved oxygen.

Proposed Mitigation to Address Concerns: The Applicant will implement Best Management Practices to control sedimentation and erosion. The Applicant will conduct turbidity, settleable matter, temperature, pH and dissolved oxygen testing during in-water work, stopping work if Basin Plan criteria are exceeded or observations indicate an exceedance of a water quality objective.

All temporary affected areas will be restored to pre-construction contours and conditions upon completion of construction activities to provide 1:1 mitigation for temporary impacts.

Excavation/Fill Area: No materials will be excavated from waters of the United States.

No materials will be placed into waters of the United States.

Dredge Volume: Approximately 79,890 cubic yards of dredge material will be dredged from 53.03 acres of waters of the United States.

California Integrated Water Quality System Impact Data: The Project will permanently impact 53.03 acres/13,200 linear feet of stream bed habitat from dredging activities.

Table 3: Impacts from Dredging Activities

Aquatic Resource Type	Temporary			Permanent					
				Physical Loss of Area			Degradation of Ecological Condition Only		
	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet	Acres	Cubic-yards	Linear-feet
Stream Channel	-	-	-	53.03	79,890	13,200	-	-	-

United States Army Corps of Engineers Permit Type: 404(b)(1) Water Quality Evaluation

California Department of Fish and Wildlife Lake or Streambed Alteration Agreement: A federal entity is not required to apply for a Lake or Streambed Alteration Agreement for their own projects.

Possible Listed Species: Giant garter snake

Status of CEQA Compliance: The Central Valley Water Board has determined that this project meets the Categorical Exemption under: 1) Section 15301 of the California Code of Regulations, which exempts the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination; and 2) Section 15304 of the California Code of Regulations, which exempts minor public or private alterations in the condition of land, water, and/or vegetation and includes maintenance dredging where the spoil is deposited in a spoil area authorized by all applicable state and federal regulatory agencies.

The Central Valley Water Board will file a Notice of Exemption with the State Clearinghouse within five (5) days of the date of this Certification.

Compensatory Mitigation: The Central Valley Water Board is not requesting additional compensatory mitigation.

Application Fee Provided: Total fees of $600.00 are due to the Central Valley Water Board for dredging maintenance activities as required by Section 3833(b)(3)(A) and Section 2200(a)(3) of the California Code of Regulations. **This Certification is not valid until total fees due are paid to the Central Valley Water Board.**

DISTRIBUTION LIST

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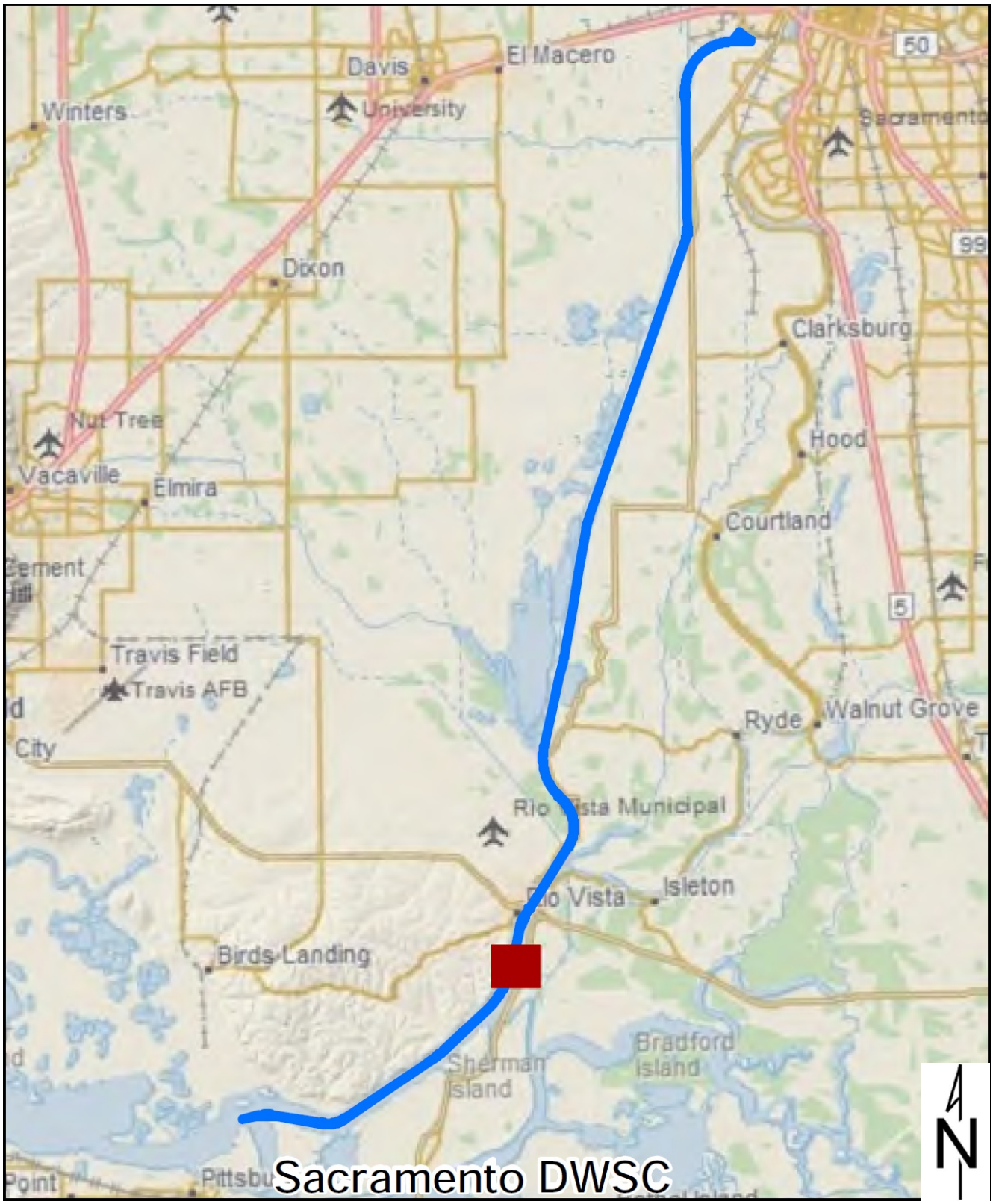

Figure 1 – Project Location Map

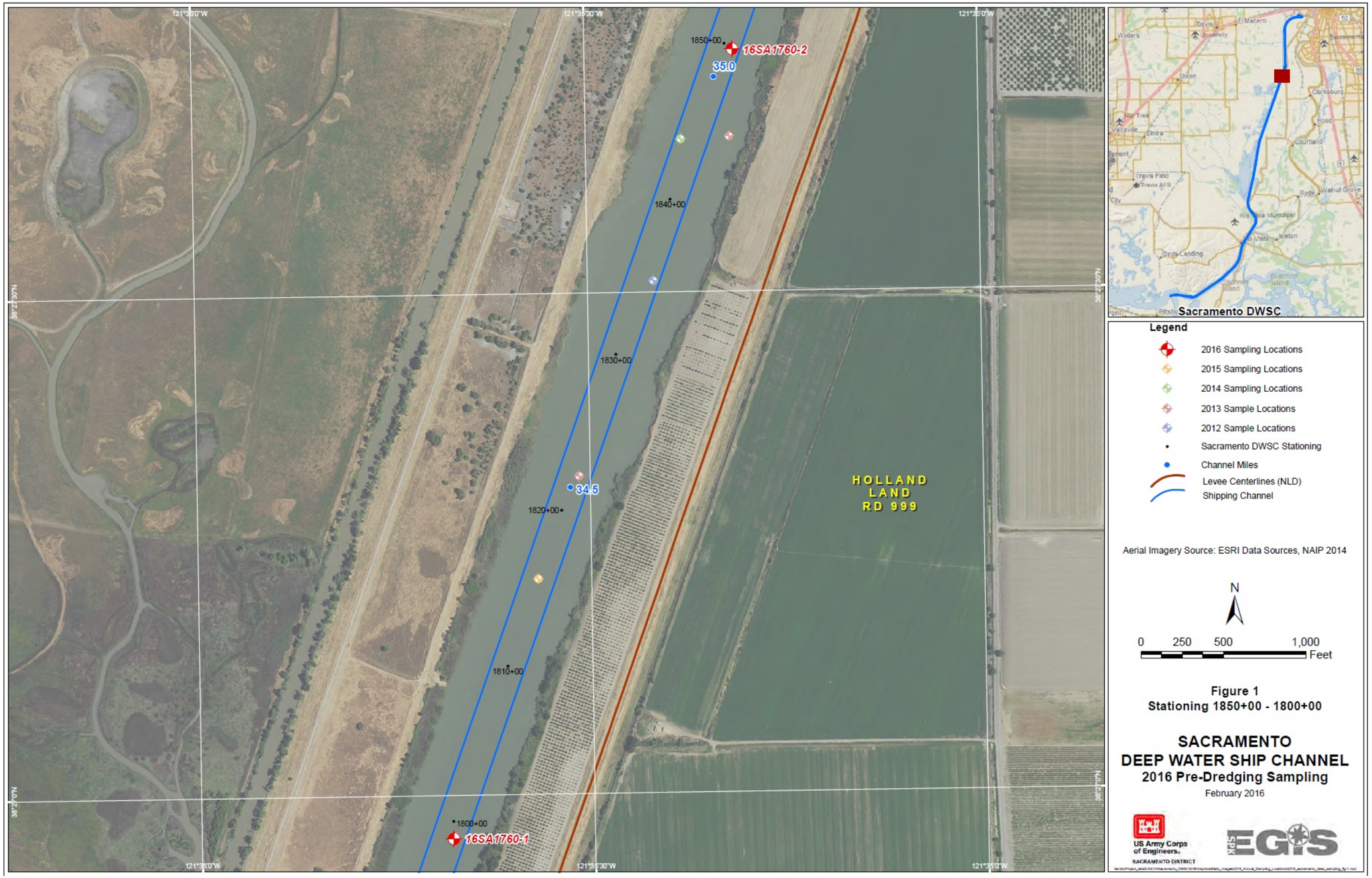

Figure 2a – Sacramento Deep Water Ship Channel Reach Maps

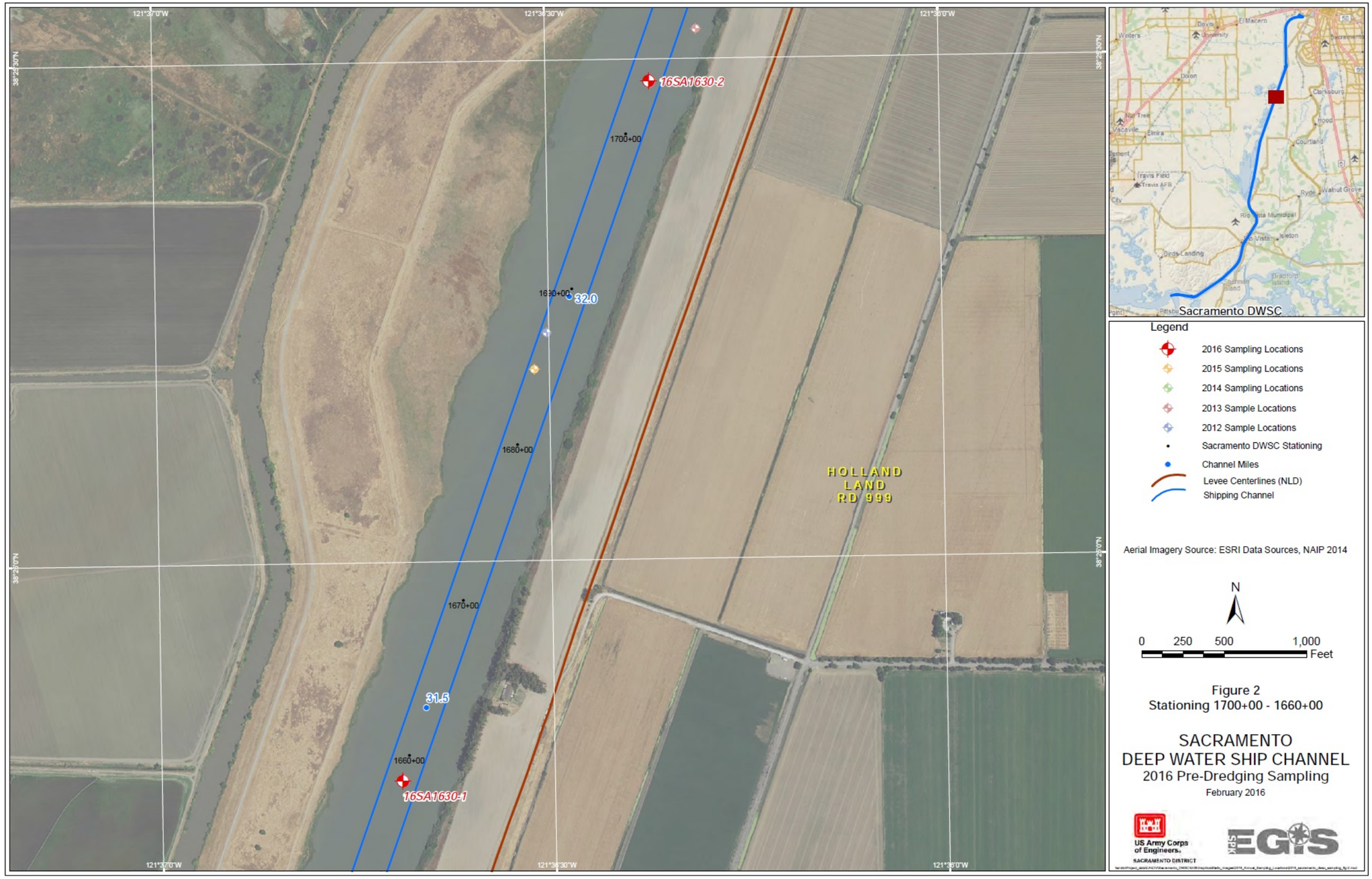

Figure 2b – Sacramento Deep Water Ship Channel Reach Maps

Figure 2c – Sacramento Deep Water Ship Channel Reach Maps

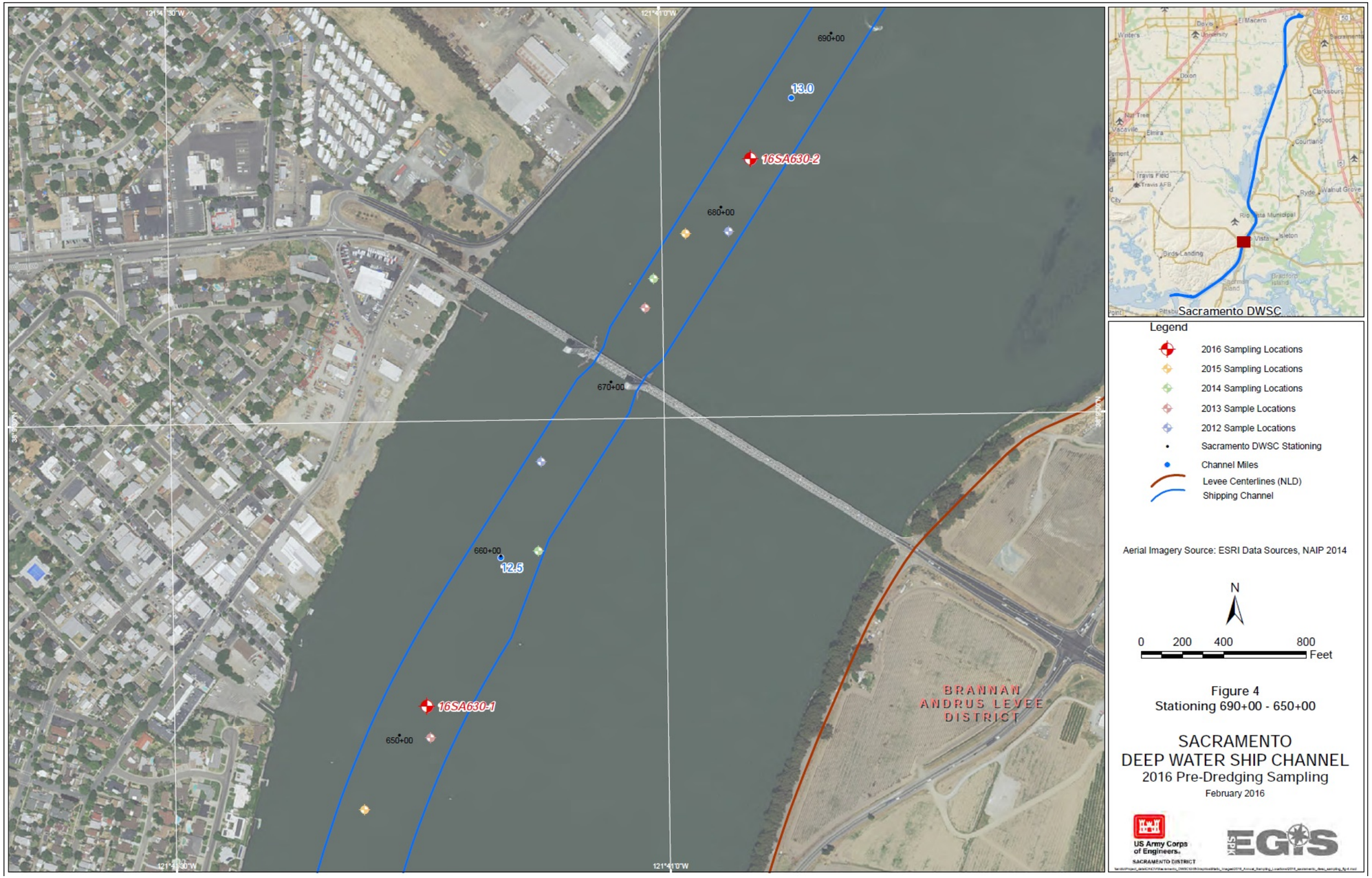

Figure 2d – Sacramento Deep Water Ship Channel Reach Maps

Figure 2e – Sacramento Deep Water Ship Channel Reach Maps

Figure 2f – Sacramento Deep Water Ship Channel Reach Maps

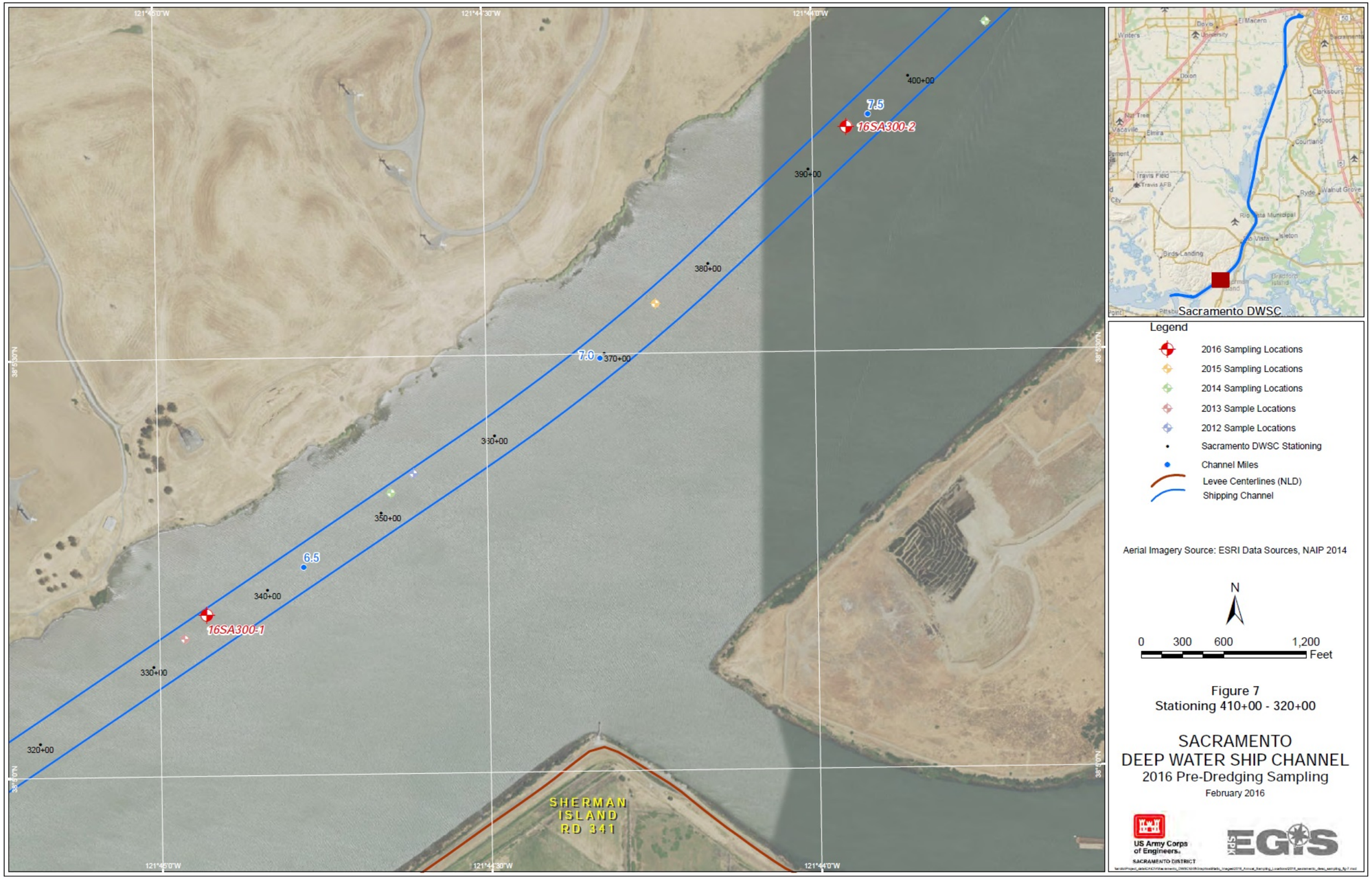

Figure 2g – Sacramento Deep Water Ship Channel Reach Maps