

DEPARTMENT OF THE NAVY COMMANDER NAVY REGION SOUTHWEST 937 NO. HARBOR DR. SAN DIEGO, CALIFORNIA 92132-0058

YAN DIEGO REGIONA WATER QUALITY CONTROL MARATVARFER TO: 5090 2007 OCT - 9 Ser N45JWB.RC/0364 October 9, 2007

Mr. John Robertus Executive Officer California Regional Water Quality Control Board San Diego Region 9174 Sky Park Court, Suite 100 San Diego, CA 92123

SUBJECT: THE PALMER HALL SANITARY SEWER OVERFLOW REVISED

INVESTIGATIVE ORDER AND NOTICE OF VIOLATION

R9-2006-0157

REF:

CA:01-0863:rodrv ltr of July 30, 2007

Dear Mr. Robertus:

This letter and the following enclosures and information are provided in response to your July 30, 2007 letter requesting additional information related to the Palmer Hall sewer cross-connection. The due date for this requested data was extended to October 9, 2007.

You have requested information under three general categories. First, you have requested additional details regarding the Palmer Hall cross-connection. Second, you have requested details of the clean-up and mitigation plan; and third, you have requested the current status of follow-up reports or any unfinished investigations.

Palmer Hall Cross-Connection

The following timeline of events provides greater clarity into the circumstances leading up to the cross-connection.

02 Jul 02: The Palmer Hall BEQ contract was awarded to Soltek Pacific.

13 Dec 02: Soltek Pacific submitted a lay down request to Naval Base San Diego depicting the area affected by the project. The lay down shows the location of the project fence and the sewer tie-in location, located outside the project fence in a previously constructed parking lot. The storm drain which was eventually improperly tied into was also located outside the project fence line but closer to the fence than the sewer line. A copy of this request is provided.

03 Feb 03: Soltek Pacific's Quality Control Plan was approved by the government. Soltek's Control Plan is a three phase quality control, including preparatory, initial and follow-up phases.

Correspondence from the Public Works Officer's staff related to Palmer Hall site approval are submitted with this letter as well as the NAVFAC Instruction on the site approval process. Some of the Palmer Hall forms provided are site approval correspondence, and notices to proceed.

Correspondence related to technical review of plans and drawings by NAVFAC SW are also submitted.

- 05 Mar 03: RBF Engineering completed the final submittal construction drawings for Palmer Hall. Sheets C-3.1 and C-3.2 show the layout and connection of the site sewer main including the tie-in point to an existing sewer clean-out serving the nearby Snyder Hall barracks. The design called for the replacement of the existing sewer clean out with a sewer manhole. The existing sewer and storm drain lines run parallel to each other, approximately five feet apart at almost the same elevation below ground. The storm sewer clean-out and sanitary sewer clean-out were approximately 16 feet apart. The existing sewer line was 250 mm (10") PVC pipe. The existing storm drain was 305 mm (12") PVC pipe. A copy of the drawings showing this storm and sewer design are provided.
- 10 Mar 03: NAVFAC received 100% Plans and Specifications for Palmer Hall and issued Partial Notice-to-Proceed for the site utilities, including site sewer installation.
- 01 Apr 03: A Preparatory Meeting for Definable Feature of Work for the water distribution was held and covered trenching and placing of pipe; however, the testing and quality information was specific to water supply.
- 04 Apr 03: A Soltek Pacific subcontractor, David Shaposhinick, Inc., (DSI) indicated in their daily log that the sewer point of connection was 9" high at 4.25 m. This Invert Elevation is 9" higher than the final design construction drawing Invert Elevation for the new sewer connection manhole at 4.030 m.
- 16 Apr 03: A Soltek Pacific subcontractor, RBF Engineering (Consulting), surveyors staked out the sewer line on the North and East sides of the project.
- 21 Apr 03: Site sewer installation begins.
- 23 Apr 03: A Soltek Pacific subcontractor, DSI, excavates for the sewer main.
- 16 Jun 03: RBF Engineering restaked sewer line on west side and storm drain line on east and west sides of Palmer Hall.

26 Jun 03: DSI excavates and installs site sewer.

15 Jul 03: Clarification requested between RBF and Soltek regarding the sewer rim and curb elevations. This correspondence is provided.

24 Jul 03: RBF email to Soltek indicates RBF revised the top of curb and sewer rim elevations.

02 Oct 04: Navy accepted beneficial occupancy of Palmer Hall.

24 Jan 05: RBF Engineering completed as-built construction drawings for Palmer Hall. These as-built drawings show the layout and connection of the site sewer main including the incorrect tie-in point to an existing storm drain line. Drawings show a 15 degree change in direction of the sewer line to tie in to the storm drain system while the design drawings show a straight path. The as-built drawings show that the storm drain clean out was replaced with a sewer manhole. The as-built connection required approximately 17 feet less pipe than the design drawings called for. The drawings show the existing sewer and storm drain lines run parallel to each other, approximately five feet horizontally apart from each other. Copies of the as-built drawings showing the deficiency are provided.

During construction, the difference in pipe elevation of the assumed sewer line was questioned by the contractor to ensure proper gravity flow drainage but it did not occur to them that they were measuring elevations of a storm drain clean out line vice a sewer clean out line. There is no evidence that the elevation issue was brought to the attention of the QA manager; and as such, the issue was not revealed to the Navy's QC manager.

QA and QC inspection reports, from the contractor and the Navy during the time before and after the illicit connection is thought to have occurred are also submitted. These reports are provided to document that QA and QC was occurring on the project.

The Navy's QA/QC program for construction is based on the contractor providing Quality Control (QC) via site inspections and QC reports to the Navy. The Navy has Quality Assurance (QA) responsibility to check the accuracy of QC reports and spot check the site inspection QC program, conducted by the contractor. Navy's QA manager did document that the contractor's QC program was late with QC reports and that a backup QC manager had not been assigned to the Palmer Hall project. However, the Navy's QA manager failed to require immediate fixes to these QC deficiencies nor did she document them in the contractor's periodic review. If the contractor's QC program had been providing timely reports, and the contractor had assigned a backup QC manager to assist with daily site inspections, and the Navy's QA manager required these deficiencies to be addressed quickly, the Palmer Hall illicit sewer connection may have been identified during construction.

NAVFAC SW has held training amongst its construction QA managers to ensure they understand the importance of the existing QA/QC process and to discuss the lessons learned from the Palmer Hall illicit connection.

NAVFAC SW has drafted criteria for Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment. This section requires all new/repaired utility connections to hold a pre-connection and post-connection inspection by NAVFAC Utilities, to include a dye test, to ensure sewer connections are appropriate. This draft criteria is in the NAVFAC SW review and approval process. A draft copy of this acceptance protocol is provided.

You also requested the names and phone numbers of the Navy personnel, civilian and military, that worked on the sanitary sewer lateral cross-connection during the construction of the new barracks also to include the names and phone numbers of any construction contractor personnel involved. However, the Navy personnel involved with the project are no longer employed by the Navy. The Naval Base San Diego Public Works Officer is the position with the responsibility for construction projects. This information is provided.

Clean-up and Mitigation Plan

You have requested specific elements of the on-site clean-up and abatement plan. My December 20, 2006 letter, provided with this response, discusses in detail the discovery of the cross-connection and the steps taken to stop the release and clean up the affected area. Following my December 20, 2007 letter, and in compliance with the Notice of Violation Order no. R9-2006-0157, requested data was compiled based on further review and monitoring and delivered to the Regional Water Quality Control Board on February 8, 2007 and March 6, 2007.

Clean up details were previously submitted to your office and are being resubmitted. Discussion of the Navy's abatement plan to include the continued Chollas Creek trash removal and participation in the Chollas Creek bacterial total maximum daily load program are discussed in more detail in our submittal.

Immediately after the Palmer Hall cross connection was identified, The Navy conducted a visual inspection of all storm drain outfalls on Navy facilities in the metropolitan area to ensure no illicit discharges were occurring. The Navy also hired a contractor to conduct an illicit connection / illicit discharge (IC/ID) survey of all buildings constructed since the last IC/ID survey conducted in 2002. A CD-Rom copy of that IC/ID report is submitted with no IC/IDs identified by the survey.

Follow-up Reports or Investigations

Results of quarterly storm water inspections were requested in your July 30, 2007 letter. Those inspection results are conducted as part of Naval Base San Diego's NPDES permit for industrial storm water discharges. The inspection results are submitted annually to your office and we refer you to those reports for quarterly inspection results.

The following list of specific questions from your letter are addressed here:

1. The report indicates the affected storm drain was 'hydro blasted clean.' How was the waste from the hydro blast captured and disposed of?

Two inflatable pipe plugs were installed at outfall 70. One was installed at the outfall pipe and one at the next manhole connection upstream to prevent any cleaning water from entering Chollas Creek and to prevent any tidal flow from high tide at the creek from entering into the outfall. Approximately 4,000 linear feet of storm drain line, starting from Palmer Hall and working toward the outfall discharge was cleaned.

The debris and water removed during jetting and vacuuming was deposited at San Diego City Main Pump Station #1 on Harbor Drive. As this material was not hazardous, no receipt or report was provided by the Pump Station. This cleaning and disposal information was provided to your staff as the cleaning operations were on going and copies of the correspondence are provided.

2. The report indicated the Navy would conduct a survey to identify illicit sewer cross-connection of all structures constructed since the 2002 cross-connection survey. Provide the results of the survey.

The survey report and results of all structures inspected since the 2002 survey are provided as a CD-ROM. As previously stated, Palmer Hall was constructed after the 2002 survey was completed.

3. The report indicated the Navy would conduct visual observations of non-industrial storm water outfalls. Provide the results of the observations.

Copies of e-mail correspondence from the Naval Base San Diego Environmental Compliance team discussing the non-industrial storm water outfall inspection results are provided.

4. The report indicated the Navy would conduct a process improvement analysis of the Palmer Hall SSO. Provide the results of the analysis.

NAVFAC SW has held training amongst its construction QC managers to ensure they understand the importance of the existing QA/QC process and to discuss the lessons learned from the Palmer Hall illicit connection.

NAVFAC SW has also drafted criteria for Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment. This section requires all new/repaired utility connections to hold a pre-connection and post-connection inspection by NAVFAC Utilities, to include a dye test, to ensure sewer connections are appropriate. This draft criteria is in the NAVFAC SW review and approval process. A draft copy of this acceptance protocol is provided.

- 5. Please provide the following for the monitoring data submitted in November 2006 and early 2007.
- a. A map identifying the locations of all sample points, including the location of the release to Chollas Creek (Outfall 70).

A map of Naval Base San Diego with Chollas Creek location and sample points labeled is provided.

b. A table summarizing all samples taken and the results of the samples taken.

A summary table of samples and laboratory results was provided in a letter dated February 8, 2007. Copies of this correspondence and table are provided.

c. The lab report and chain of custody for the November 21, 2006 samples.

November 21, 2006 lab report and chain of custody was provided in the technical report submitted December 20, 2006. Copies of this correspondence, including lab report and chain of custody, are provided.

6. In addition to the requested information listed above, provide any other new information discovered since the Navy began its investigation into the cause of the Palmer Hall sanitary sewer cross-connection.

The information obtained in this and previous reports represent what has been discovered since the Navy initiated this investigation. If there are any questions regarding this request please feel free to contact me at (619) 532-2261.

Sincerely,

ROBERT A. CHICHESTER Water Program Manager

By direction

Enclosures:

- (1) Lay down request
- (2) Site approval correspondence
- (3) Technical review of plans & drawings correspondence
- (4) 100% design drawings for storm and sewer
- (5) Contractor Correspondence discussing storm and sewer elevations
- (6) As-built design drawings for storm and sewer
- (7) Copies of QA/QC reports
- (8) Draft Utility acceptance criteria
- (9) Copies of December 20, 2006; February 8, 2007; and March 6, 2007 letters providing clean up description and sampling data
- (10) Construction personnel contact list
- (11) Cleanup and abatement discussion
- (12) Base IC/ID results and IC/ID report (CD-ROM) of post 2002 constructed facilities
- (13) Map identifying the locations of all sample points including the location of the release to Chollas Creek (Outfall 70)

Copy to: Naval Base San Diego Palmer Hall Lay Down Request correspondence

- Sucr e.o. outside james

LAYDOWN REQUEST

Date 1306C 02 Proj. Title 1-254 New 859 Proj. # 02-D-8013 DO #1
Company Name Souter Company POC WILLY NAYLOR
Office Tel: 419. 296. 6247 Cell Ph. 619. 871. 9369
GOVT Proj. Mgr. SHANNON SANCHEZ Tel: 619 556 6951Cell:
NavBase Ten. Liaison GEORGE THOMPSON Tel: 619 SSG 0440 Cell:
Proj./Laydown Area Req. (Include; Activity/Area/Bldg # /See Notes) NEW BED CONSTRUCTION WEXT TO SNYDER HALL (B.3380)
(Include: Activity / Area / Bldg #) Justification For Approval and Urgency:
Proposed Proj/Laydown Occupancy, From 18 / DEC/ O2 To 31 / OCT/ O4 LAYDOWN REQUEST MUST BE SUBMITTED AND RECEIVED BY INTERFERENCE
COORDINATOR 21 DAYS IN ADVANCE OF REQUESTED LAYDOWN DATE.
Submit Required Info noted below:
** Provide 8 ½" x 11" Sketch/Drawing showing location and size of Lay Down area required.
** If project impairs/impacts Traffic or Parking, provide Traffic Plan and/or amount of Parking Spaces to be secured and their location. ** Indicate any Outages Required: Water, Electric, Gas, Steam, ECT. And Facilities they affect. Outage requests Form PWC 11014/12 must be submitted 21 Days in advance to the Utilities Outage Desk and MUST have a Job Order Number assigned before outage can be assigned to Utilities shops for performance.
Forward To: Interference/Outage Coordinator, Mack McKuskie NAVBASE, S.D. bldg 291 Tel: 556-0685 FAX: 556-3191 / 3190
SignatureApproved { } Dissaproved { } Date//





DEPARTMENT OF THE NAVY

COMMANDING OFFICER
NAVAL STATION SAN DIEGO
3455 SENN RD
SAN DIEGO CA 92136-6884

IN REPLY REFER TO:

11000

Ser N46M/1146 16 May 02

From: Commanding Officer, Naval Base, San Diego

To: Commander, Southwest Division, Naval Facilities Engineering

Command (Code 5SPR.RM)

Subj: SITE APPROVAL FOR MILCON P-254, BACHELOR ENLISTED QUARTERS,

NAVAL BASE, SAN DIEGO

Ref: (a) NAVFACINST 11010.44E

(b) SOUTHWESTNAVFACENGCOM 1tr 11000 Ser 232.SA/1491 of 12 Dec 94

(c) OPNAVINST 5090.1B

Encl: (1) Approved Project Site (NAVFAC 11010/31 and Location Maps)

(2) Site Analysis Checklist

(3) Categorical Exclusion Statement

1. Site approval for subject project is granted with references (a)

and (b). The approved site is shown in enclosure (1).

2. Enclosure (2) is submitted as required by reference (b), and comments from Public Works Center and Natural/Cultural Resources should be taken into consideration before construction.

3. Enclosure (3) has been prepared as required by reference (3), National Environmental Policy Act (NEPA).

4. My point of contact is Mr. Ruben Dela Cruz, Facilities Planner, at (619) 556-0325.

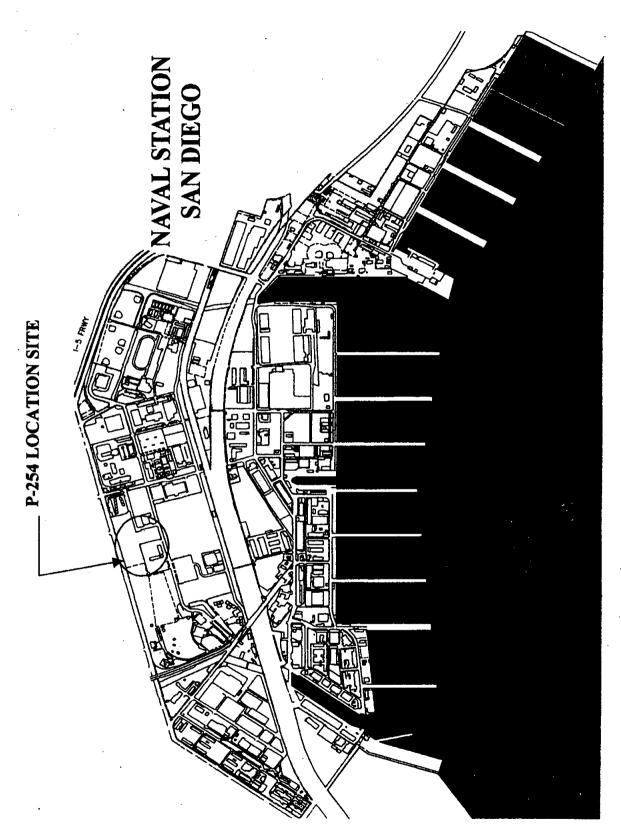
C. M. MAURER

By direction

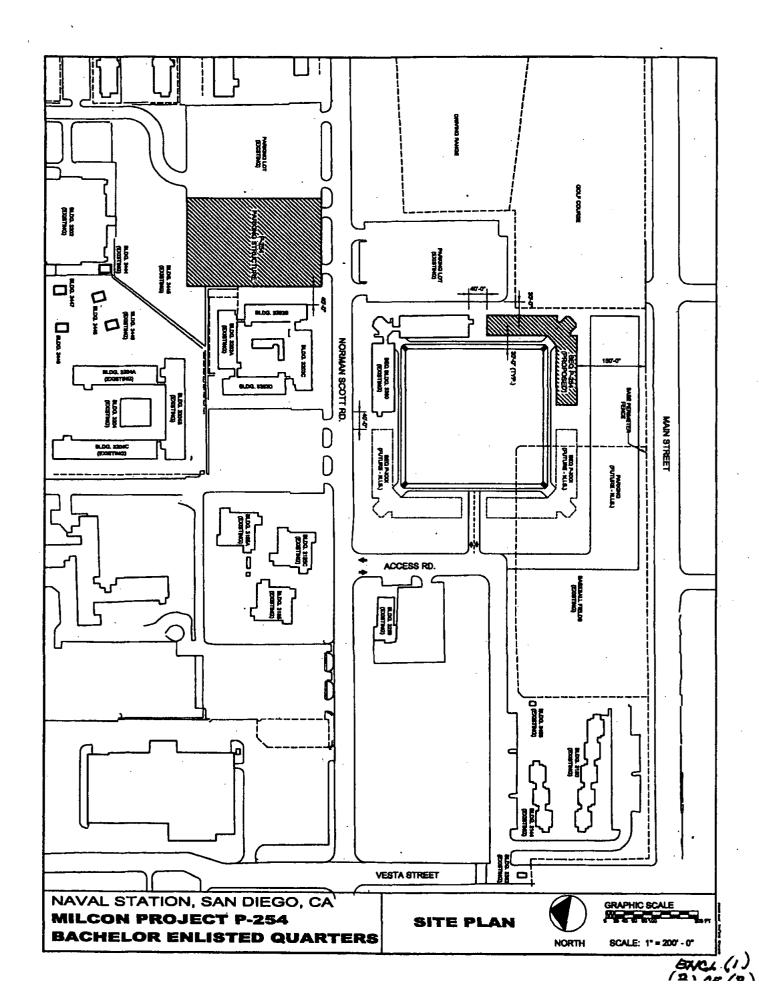
REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. TT8-93)

1. To: Commander, Southwest Division, Naval Facilities Engineering 2. From: PWO Naval Base San Diego Command 3. Program Year: 4. Cost: 5. Type Funding: 6. Activity UIC: 7. Date: 7. Da	IN:	STRUCTIONS ON R	PART I EVERSE AND NAVI	FACINST 1	1010.44E		
3. Program Year: FY-33	\$12.12.42						
a. Category Code: 721-11 Project Title: Bachelor Enlisted Quarters 9. Project #: P-254 10. Type of Project New Construction □ Change Use □ Maintenance and/or Repairs □ Addition to Existing Facility □ Major Modification to Existing Facility □ Major Modification to Existing Facility □ Major Modification to Existing Facility □ Other, demolition, etc. 12. Project Description: This project will construct a high-rise concrete BEQ building with side to grade and pile foundation, precast concrete floors and roof panels above grade, metal stud walls at interior; seismic construction features; anti-terrorism/force protection measures, detach parking garage, utilities, paving, and walkways. It will provide 150 *2+0** modules to house 600 €1-£4 personnel. 13. Sets of Project Maps Attached 14. Sets Part II Division(s). Attached 15. 1. Name/Code/Phone No. of Reviewer: George Winnett / N442P / (819) 558-1316 3. Evaluation: □ Project has no adverse impact on Master Plan 4. EFD Aetion: (check appropriate box(es)) □ Site Approved □ Requires NAVFACHQ Approval □ Site Disapproved □ Requires NAVFACHQ Approval □ Site Disapproved □ Requires NAVFACHQ Approval □ C. M. MAURER □ CDR, CEC, USN 1. Name and Code of Reviewer: □ Safety Review Requested: (check appropriate box(es)) □ NAVSEA □ CNO □ DDESB □ SPAWAR □ NAVAIR □ OTHER 1. Approvals: □ Site Approvad □ Site Approvad □ Cond □ DDESB □ SPAWAR □ NAVAIR □ OTHER 1. Approvals: □ Site Approvad □ Site Disapproved □ Site Disa		t Division, Naval Fac	ilities Engineering	2. From :	PWO Naval Base S	ian Dieg	30
P-254							
Name/Code/Phone No. of Reviewer:		sted Quarters					
foundation; precast concrete floors and roof panels above grade; metal stud walls at interior; seismic construction features; anti-terrorism/force protection measures, detach parking garage, utilities, paving, and walkways. It will provide 150 "2+0" modules to house 600 E1-E4 personnel. 13 Sets of Project Maps Attached	New Construction Change Use Addition to Existing Facility Major Modification to Existing	ety Cert magne	<u>tic</u>				
1. Name/Code/Phone No. of Reviewer: George Winnett / N442P / (619) 556-1316 3. Evaluation: Project has no adverse impact on Master Plan 4. EFD Aetion: (check appropriate box(es)) Site Approved	foundation; precast concrete flo anti-terrorism/force protection m	ors and roof panels a neasures, detach parl	above grade; metal s	tud walls at	t interior; seismic cor	structio	n features;
George Winnett / N442P / (619) 556-1316 Sevaluation:	13 Sets of Project Ma	ps Attached	14Sets Pa	art II Divisio	n(s) Attache	d	15.
George Winnett / N442P / (619) 556-1316 Sevaluation:	• •						
Project has no adverse impact on Master Plan		viewer: 556-1316	Lung M. W.	- Sanda	/		
Site Disapproved			-				
C. M. MAURER CDR, CEC, USN 1. Name and Code of Reviewer: 2. Date Received: 3. Safety Review Requested: (check appropriate box(es)) NAVSEA CNO DDESB SPAWAR NAVAIR OTHER 5. Date of Safety Certification: NAVSEA CNO DDESB SPAWAR NAVAIR OTHER 1. Approvals: Site Approved Site Disapproved Deferred/Returned Explosives Safety Certification Approved Explosives Safety Certification DISAPPROVED Interim Construction Waiver Approved 3. Remarks: 4. Other Approvals Airfield Safety Waiver Required 5. Approving Official: 6. Date:	☑ Site Approved ☐ Site Disapproved	☐ Requires NAVFA☐ Explosives Safet				Safety	
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ENCLOSURE (1)
(1) of (3)



EXICL (1) (2) OF (8)



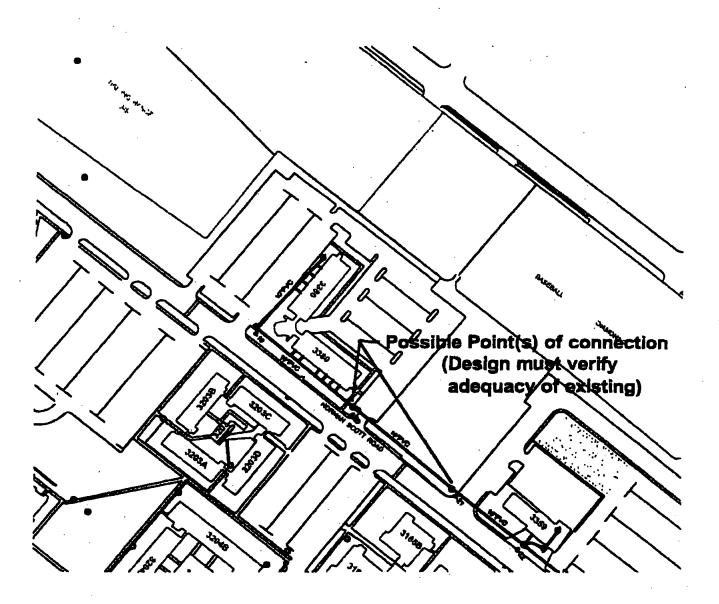
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SITE APPROVAL CHECK LIST

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PLANNI	NG: Poc	/Phone:	George Winnett		Recv'd.		Cmp.	Date: 1/30/01
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5. T	here are peration	no known of the prop	off-base structures, cosed project.	functions, physi	cal barriers or			affect the function or the
7.1	There is su	ufficient a	projects that are unrea available for parl	king, material la	ydowns, etc.		•	roject.
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UTILITI	ES: Poc	Phone:			Recv'd. I		Cmp.	Date:
			adequate for the prosupport for the proje		idered with re	gard to the propo	osed site.	
1. A	all necess	ents/outgra	e: cquisitions (purchase ants (road & railroades, relocations, or ca	crossings, utilit	en identified. y easements, e		ired have been	
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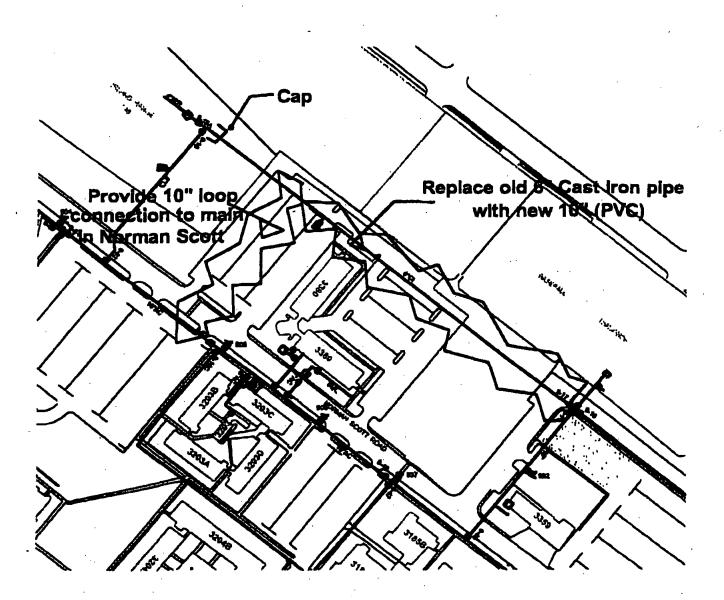
ENGINEERING	REVIEW COMMENTS	7 Feb 01
P-254	SAR NB 01-028 SEIGH CONFLICTION STATE	FINAL (100%)
WESTDIV.	DESIGN STRUCT. MECH. ELEC. GIVIL	Dorman Utilities
SAR#	NB 01-028 FOR BACHELOR ENLIST	TED QUARTER, PIZITY
DAG, NO. GR PARA, NO.	COMMENT MOTE: Make ground comments on has share of conveyors	ACTION BY WESTDIVNAVFAC
	Replace old 6" cast iron water main with 10" puc and complete 10" loop. See attacked Potoble Water. Design must verify adequacy of existing 10" puc I sent land depth). See attacked Sanitary Sewer. Lerry Kowalik Kany Public works Center, Civil Utilities Product, and	
	Service Line - Engineering Code 661 (619) 556-7966	
		•
		ENCL (2)
		(2) of (9)
		(plus two attachments)

SANITARY SEWER FOR SITE APPROVAL MILCON P-254



EXCL.(2)
(3) OF (9)

POTABLE WATER FOR SITE APPROVAL MILCON P-254



ENCL. (2) (4) OF (9)

SITE APPROVAL CHECK LIST

SAR#: NB 01-028 PROJE	CT: MILCON	P-254 BACHELOR EN	LISTED QUARTERS
LOCATION: NAVSTA	ACTIVITY	: NAVAL STATION C	COMMAND
PLANNING: Poc/Phone: GEORGE W	INNETT	Recy'd. 9/4/01	Cmp. Date: 9/4/01
Y 1. Site conditions and topography are	Suis	·	
 2. The project is located outside the 3. The proposed site is consistent w 	CAY TE		DeGes ► 1
4. The project will have no adverse			
5. There are no known off-base stri operation of the proposed projec	DUPLIAGENCE TO	At Phone 8	OHANHI Let the function or the
6. There are no off-site projects tha	F## 1 - 7 - 6	PARTITION 7-0	2043 xt
Y 7. There is sufficient area available 8. There are no known subsurface i	(2 2 7 7 NSN 7540-01-217-7568	BORE-101 GENERAL SERI	ACES ADMINISTRATION liffect the project.
AFETY: Poc/Phone:		Recv'd. Date:	Cmp. Date:
1. This site is not encumbered by Air.	field, Ordnance, or	Electromagnetic Safety issues.	
TILITIES: Poc/Phone:		Recy'd. Date:	Cmp. Date:
1. Existing utilities are adequate for ti			
2. The overall utilities support for the	project has been co	onsidered with regard to the pro	oposed site.
BAL ESTATE: Poc/Phone:		Recv'd. Date:	Cmp. Date:
1. All necessary land acquisitions (pu			
2. All easements/outgrants (road & ra			
 3. Any required changes, relocations, 	or cancellations to	existing easements/outgrants b	lave been identified.
YATURAL/CULTURAL RESOURCES 1. The project is outside of any histor 2. The project site is not listed on the 3. The site has no known discovery p	ic district. National Register	of Historic Places	. Date: Cmp. Date: 3 APR
4. The project does not renovate a his			,
5. The project is not located in or near			
 6. Mitigation and wetlands permits at 7. No known threatened, endangered 		inhabit the site.	
	••••••••••••••••••••••••••••••••••••••		
ENVIRONMENTAL: Poc/Phone: 1. All required permits have been idea	ntified	Recv'd. Date	Cmp. Date:
2. There are no known underground s		,	-
3. There is no contaminated soil on th	e proposed site.		
4. There is not an Installation Restora			
5. There is no existing hazardous mate 6. There are no air quality permits req		l, etc.) which would adversely	affect the proposed project.
o. There are no an quanty permits led	urea.		
IEPA: Poc/Phone: Ruben Dela Cruz		Recv'd. Date:	1/30/01 Cmp. Date: 1/30/01
1. The required environmental docum		(CATEX, EA, or EIS)	
 Y 2. All required permits have been idea Y 3. A Coastal Zone Consistency Determined 	ntified. —instina (CCD) is:	ant manifest	•
- 3. A Coasia Zable Consistency Deleti	annacion (CCD) is	iot required.	. .
COMMENTS: TCALL. SHO CON	curs w dole	mination that po	get will have No Myose
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ENCL (2) (5) OF (9)

OFFICE OF HISTORIC PRESERVATION

DEPARTMENT OF PARKS AND RECREATION.

P.O. BOX 942896 SACRAMENTO, CA 94296-0001 (918) 553-6624 Fax: (918) 553-9624 cashfoodorip, parlu, ca.gov www.obp.pods.co.gov



April 3, 2002

In reply refer to: USN020213A

J. Larson, Director, Environmental Operations.
Navy Region Southwest Environmental Department
Pleet ASW Training Center
33000 Nixie Way, Bldg. 50, Suite 338
San Diego, CA 92147-5199

RE: Construction of New Bachelor Enlisted Quarters on Naval Base San Diego (Reference No. 5090; Ser N45RN.ay/027)

Dear Director Larson:

Thank you for consulting with me on the above referenced undertaking pursuant to 36 CFR Part 800, regulations implementing Section 106 of the National Historic Preservation Act. The Navy has proposed construction of a new bachelor enlisted quarters (BEQ) at the Naval Base San Diego.

The proposed BEQ is situated within the boundaries of CA-SDI-12,093, a prehistoric archaeological site. You explain the Navy is assuming this site is potentially eligible to the National Register for the purposes of this undertaking. Preliminary testing of the site within the project's Area of Potential Effect (APE) demonstrated that very little integrity has survived in this specific portion of the site. The Navy has determined that the portion of the site within the APE for this undertaking cannot at this time be considered a contributing element to the larger archaeological property. Based on these testing results, the Navy has determined that the undertaking will have no adverse effect on CA-SDI-12,093. I concur in this determination.

In the supporting documentation you have provided, you explain the Navy will require archaeological monitoring for the grading and excavation phase of this project "as a precaution for the inadvertent discovery of intact archaeological deposits" (page 6). I agree that pursuant to § 800.13(b), this is an appropriate means to handle the unanticipated discovery of intact deposits within the portion of the site directly affected by this undertaking.

If you have any questions or comments, please contact Anmarie Medin, Staff Historical Archaeologist, at (916) 653-2716 or at amedi@ohp.parks.ca.gov.

Sincerely,

Dr. Knox Mellon

State Historic Preservation Officer

ENCL (2)

SITE APPROVAL CHECK LIST

SAR#: NB-01-028	PROJECT:	MILCON	2-254 BACHEL	OR ENLISTE	D QUARTERS
LOCATION: NAT	/STA SD	ACTIVITY:	NAVAL STA	TION, SAN I	DEGO
PLANNING: Poc/Phone	: George Winnett	· · · · · · · · · · · · · · · · · · ·	Recvid.		Cmp. Date: 1/34/4/
2. The project is loc 3. The project will h 4. The project will h 5. There are no know operation of the p 6. There are no off- 7. There is sufficien 2. There are no know have the project will h 5. There are no off- 7. There is sufficien	roposed project. Lite projects that are un t ares available for par	ear Flood Plain. RSIP. on adjacent off functions, physical construction in the constru	bage land, ical barriers or con- or planned that wo sydowns, etc. utilities, and rocks,	ould adversely aft	d adversely affect the project.
SAPETY: Poc/Phone: 1. This site is not en	cumbered by Airfield,	Ordnance, or E	Rocy'd, Date ectromagnetic Safe		_ Cmp. Date:
UTILITIES; Poc/Phone: 1. Existing utilities of	•	sposed project.	Recy'd. Date	!	Cmp. Date;
2. All easements/out	ione: E EWLU di acquisitione (purchas agrants (road & railroac ages, relocations, or ca	i crossings, utili	en identified. ty easements, etc.)	that are required	
2. The project site is 3. The site has no kn 4. The project does a 5. The project is not 6. Mitigation and we	L RESOURCES: Poe- side of any historic dis- not listed on the Natio- nown discovery potenti- not renovate a historic li- located in or near a we- rilands permits are not- nod, endangered or ser-	erict. spal Register of in a for archeolog building or structured. required.	ical artifacts. flure.	_ Recv'd. Date;	Cmp. Date:
2. There are no know 3. There is no contar 4. There is not an Ins 5. There is no existin	its have been identified on underground storage ninated soil on the proposalistion Restoration (ig hazardous material (unlity permits required. Light description description its have been identified	s tanks. posed aits. IR) Sits. asbestos, lead, e Completed (C	Recv ATEX, EA, or BIS	'd. Date: 1/3	Cmp. Date: e proposed project. O/e/ Cmp. Date:
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TOTAL P.01

SITE APPROVAL CHECK LIST

SAR#: NB 01	-028 PROJ	ECT: MILCON I	2-254 BACHELOR ENL	ISTED QUARTERS	
LOCATION:	NAVSTA	ACTIVITY:	NAVAL STATION C	OMMAND	<u> </u>
PLANNING: Poc	Phone: GEORGE	WINNETT	Recv'd, 2/12/01	Cmp. Date:2/12/01	÷
Y 1. Site condit	ions and topography	are suitable for proposes	condition.		
	t is located outside the sed site is consistent v	e 100 year Flood Plain.	·	•	•
Y 4. The propose	eu site is consistent v t will have no advers:	impact on adjacent off	hase land.		
Y 5. There are a	o known off-base str	uctures, functions, phys	ical barriers or conditions the	t will adversely affect the function	on or the
operation o	of the proposed projec	t. `			
Y 6. There are a	no off-site projects the	it are under construction	or planned that would adver	sely affect this project.	
Y 7. There is su	fficient area available	for parking, material la	ydowns, etc.		
Y 8. There are 1	to known subsurface	foundations, structures,	utilities, and rocks, etc. Which	h would adversely affect the pro	
SAFETY: Poc/Ph	DE: D. BRANCE	04, 6-6,177	Recv'd. Date: 2/6	707 Cmp. Date: 02	6/01
1. Inis siteris	not encumbered by A	Lirneld, Ordnance, or E	lectromagnetic safety issues.	· ·	
UTILITIES: Poe/	Phone:	_	Recv'd. Date:	Cmp. Date:	<u>.</u>
1. Existing ut	ilities are adequate fo	r the proposed project.			
2. The overal	lutilities support for t	the project has been con	sidered with regard to the pro	oposed site.	
TOTAL TOTAL TOTAL	Vo. 4900		Recy'd. Date:	Cmp. Date:	
REAL ESTATE:		purchase/lease) have be		Сшр. Date:	
I. All necessi	mte/outgrants (road &	putchase (case) have be railroad crossings util	ity easements, etc.) that are re	auired have been identified.	
2. All easemi	a changes, relocation	ns, or cancellations to e	kisting casements/outgrants h	ave been identified.	
5. Any toqui	on citini Post (erooner				
NATURAL/CULT	TURAL RESOURCE	S: Poc/Phone:	Recv'd	. Date: Cmp. Date:	
	t is outside of any his				
2. The project	t site is not listed on t	he National Register of	Historic Places.		
3. The site ha	a no known discover;	potential for archeolog	ical artifacts.		
		historic building or stru	cture.		
5. The projec	t is not located in or n	ear a wetland.			
O. Mitigation	and wetlands permits	ed or sensitive species i	nhabit the cite		
/. No known	mreatened, endanger	ed or sensitive species i	madit die ske.		
ENVIRONMENT	'AL: Poc/Phone:		Recv'd. Date:	Cmp. Date:	
	d permits have been i	dentified.			
	io known undergroun		,		
	contaminated soil or				
	ot an Installation Rest				•
			etc.) which would adversely t	affect the proposed project.	
6. There are i	to air quality permits	required.			
N	21 216		D. 11 D	1/70/01	1/20/01
	: Ruben Dela Cruz	z uments are completed (Recv'd. Date:	1/30/01 Cmp. Date:	1/30/01
	ed environmental doc ed permits have been i		CATOX, EA, or Els).	•	
		termination (CCD) is no	ot required.		
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COMMENTS:					
					
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SITE APPROVAL CHECK LIST

SAR#:	NB-01-	01-028 PROJECT: MILCON P-254 BACHELOR ENLISTED QUARTERS						
LOCA	TION:	NAVS	TA SD	ACTIVITY:	NAVAL STAT	TON, SAN DI	EGO	
PLANN	ING: Poc/R	hone:	George Winnett	•	Recv'd.		Cmp. Date: 1/30/01	
y 2.1 y 3.1 y 4.1 y 5.1 y 6.7 y 8.7 y 8.7	The project The project The project There are no operation of There are no There is suf There are no Y: Poe/Pho	is located at site is a will have a known of the proper off-site ficient are a known and a known are:	osed project. projects that are usea available for passubsurface foundate	ear Flood Plain. RSIP. t on adjacent off- functions, physi- nder construction king, material la lons, structures,	base land. cal barriers or condi or planned that wor ydowns, etc.	uld adversely afference. Which would	versely affect the function or the this project. adversely affect the project. Cmp. Date:	
	IES: Poc/P				Recv'd. Date:	·	Cmp. Date:	
			adequate for the prupport for the proj		sidered with regard	to the proposed sit	te.	
	STATE: P				Recv'd Da	ate:	Cmp. Date:	
2. 4	All easemer Any require	nts/outgre d change	s, relocations, or co	d crossings, utili ancellations to ex	en identified. ty easements, etc.) to tisting easements/ou	itgrants have been	identified.	
			ESOURCES: Poo e of any historic di		<u> </u>	Recv'd. Date:	Cmp. Date:	
			t listed on the Nati		Historic Places.		•	
3.7	The site has	no know	n discovery potent	tial for archeolog	ical artifects.		•	
			renovate a historic	_	cture.		· · · · · · · · · · · · · · · · · · ·	
			ated in or near a w nds permits are not	· ·				
			i, endangered or se		habit the site.			
ENVIRO	ONMENTA All required There are no There is no There is not There is no	AL: Poc/lipermits of known contaming an Install existing lipermits.	Phone:	ed. ge tanks. oposed site. (IR) Site. (asbestos, lead,	Molly Recv	dversely affect the		
 1. 1	Poc/Phone: The require	d environ	Russes del mental documents	are completed (Recv CATEX, EA, or EIS	'd. Dete: <u>//30</u> i).	Op. Cmp. Date:	
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COMM			manufey Damiling		· · · · · · · · · · · · · · · · · · ·			
								
								

CATEGORICAL EXCLUSION STATEMENT MILCON PROJECT, P-254, BACHELOR ENLISTED QUARTERS NAVAL STATION, SAN DIEGO

1. PROJECT DESCRIPTION:

Project will construct high-rise concrete BEQ building with slab on grade and pile foundation; precast concrete floors and roof panels above grade; metal stud walls at interior; seismic construction features; antiterrorism/force protection measures, detached parking garage, utilities; paving and walkways. Project includes quality of life amenities such as air-conditioning, elevators, landscaping and irrigation, cable TV, storage, walk-in closets, kitchenettes, and telephone service to each room. Provide 150 "2+0" modules to house 600 E1-E4 personnel.

2. NEPA REQUIREMENTS:

The proposed project meets requirements for a Categorical Exclusion, as outlined in OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.1, items a to e. Specifically, construction of new Bachelor Enlisted Quarters will not, individually or cumulatively:

- a. Affect public health or safety;
- Involve an action that is determined, in coordination with the appropriate resource agency, to have the potential for significant environmental effects on wetlands, endangered or threatened species, historical or archeological resources, or hazardous waste sites;
- c. Involve effects on the human environment that are highly uncertain, involve unique or unknown risks, or that are scientifically controversial;
- d. Establish precedents or make decisions in principle for future actions with significant effects; or
- e. Threaten a violation of Federal, state or local law or requirements imposed for protection of the environment.

The proposed project does not meet the description for actions that normally require an Environmental Assessment (OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.3.2) nor does it meet the requirements for an Environmental Impact Statement (OPNAVINST 5090.1B CH-2, Chapter 2, paragraph 2-5.4.3).

3. CATEGORICAL EXCLUSIONS:

OPNAVINST 5090.1B CH-2 of 9 September 1999, Chapter 2, paragraph 2-5.2 provides a list of 33 actions that are normally categorically excluded from further documentation requirements of NEPA. Actions that are categorically excluded do not individually or cumulatively have a significant effect on the human environment and therefore, neither an Environmental Assessment nor an Environmental Impact Statement is required. This project is considered to meet the definition of action [9]:

1

"New construction that is consistent with existing land use and, when completed, the use or operation of which complies with existing regulatory requirements."

ENCUSURE (3)

4. AGENCY CONCURRENCE:

There would be no direct or indirect impacts to environmental resources or safety issues as a result of the construction of a high-rise concrete BEQ building. As such, no regulatory agencies were consulted in determining that the action will have no adverse effect on resources listed in OPNAVINST 5090.1B CH-2, Chapter 2, Paragraph 2-5.1.b.

5. **DETERMINATION:**

APPROVED:

Naval Base San Diego (NBSD) has determined that the proposed action, in compliance with the stipulations described above, does not individually or cumulatively have a significant effect on the environment and, therefore, neither an Environmental Assessment nor an Environmental Impact Statement is required.

NBSD Planner	1/30/01 Date
6. CONCURRENCE:	
Naval Base San Diego:	
C.M. 26	16 May oz
C. M. MAURER	Date /
By direction	
Concur	Do not Concur

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NAVFACINST 11010.45

REGIONAL PLANNING INSTRUCTION

SITE APPROVAL PROCESS

Table of Contents

1.0	Overview	. 1
2.0	Projects Requiring Site Approval	. 1
3.0	Confrormance With the Land Use Plan	. 2
4.0	Reviewing Authorities for Safety Certifications	. 2
5.0	EFD/EFA/HQMC Responsibilities	. 2
6.0	Required Documentation for Site Approval Requests	0

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Appendices:

- A. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part I
- B. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division A-Explosives Safety
- C. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division B-Airfield Safety
- D. NAVFAC Form 11010/31 (REV 5-2001), Request for Project Site Approval/Explosives Safety Certification, Part II, Division C-Electromagnetic Safety

1.0 OVERVIEW

This section provides guidance on submitting a site approval request. Site approval requests are submitted on NAVFAC Form 11010/31, "Request for Project Site Approval." This two-part form provides the information about the project that will allow others to evaluate the project site. The first part of the form asks for general information on the type of project and includes an area for the various reviews and approvals required in the process. In addition to this form, graphic information such as plans and maps, showing the proposed project location in relation to the activity's land use plan, existing facilities, and appropriate siting constraints are also required.

2.0 PROJECTS REQUIRING SITE APPROVAL

Site approval is required for all Navy projects and non-Navy projects sited on Navy-controlled land holdings regardless of funding source for the following situations:

- Any project site that will have explosives safety criteria implications associated with ammunitions and explosives.
- Any project that affects or is affected by airfield safety criteria.
- Any project that creates or is proposed to be in an area of electromagnetic illumination or involves electromagnetic transmission.
- Any project that proposes changing the use of a facility.
- Any project that changes or has the potential to change the land use or physical layout of an area.

Projects having explosives safety, airfield safety, or electromagnetic safety implications will require a "Safety Certification" by specific commands that have been assigned these responsibilities. More information to follow.

Recognize that many projects will have safety criteria considerations in more than one area. For example, a project that proposes construction of a new transmitting antenna at an air station may have implications for airfield safety (from the location of the antenna), as well as for the effects of electromagnetic radiation (EMR) emanating from the transmitter on people, fuels, ammunition, and EMR-sensitive equipment.

2.1 WHEN TO REQUEST PROJECT SITE APPROVAL

Site approvals requests for Military Construction projects or Special Projects that will require a "Safety Certification" should be initiated when the activity/region develops an Activity 1391+ (MCON) or DD Form 1391 (Special Project) for the project.

2.2 LIFE OF A SITE APPROVAL

Site approvals are granted based on the conditions and circumstances shown in the site approval request. The site approval becomes invalid if any of these conditions change. Approvals become invalid if the project scope or location is altered in any manner from the information on which the safety certification was granted. Explosive safety related site approvals granted under the Safety Assessment for Explosives Risk (SAFER) (discussed later in this topic) must be revalidated every five years.

3.0 CONFORMANCE WITH THE LAND USE PLAN

The best place to start in selecting a site for a project is the Land Use Plan included in the Regional Shore Infrastructure Plan (RSIP). The Land Use Plan has synthesized the myriad complex issues associated with land use planning. The plan describes planning constraints, proposed land use, and includes summaries of the facilities requirements, traffic, real estate, and mobilization plans. The site selected should be in conformance with the Land Use Plan. However, if there are overriding considerations that preclude siting consistent with the plan, document that information in the request for site approval.

4.0 Reviewing Authorities for Safety Certifications

One of the important elements of the site approval process is the evaluation of the proposed project with respect to safety criteria. The EFD/EFA/HQMC cannot issue the site approval without certification from the appropriate command. Depending on the nature and proposed site of a project, it may require more than one safety certification. The CNO has assigned the responsibility for managing specific safety programs to the Naval Sea Systems Command (NAVSEA) (this responsibility has been delegated to the Naval Ordnance Safety and Security Activity (NOSSA), Indian Head, Maryland) for explosives safety (including Hazards of Electromagnetic Radiation to Ordnance (HERO)), the Naval Air Systems Command (NAVAIRSYSCOM) for airfield safety, and the Space and Naval Warfare Systems Command (SPAWARSYSCOM) for the electromagnetic interference radiation safety program (except HERO).

It may be appropriate to have discussions with the reviewing authorities prior to submission of the site approval request so that site changes or other mitigating features may be included.

5.0 EFD/EFA/HQMC RESPONSIBILITIES

The EFD/EFA is the key player in the site approval process. Although the EFD/EFA has authority to approve all site approval requests, some EFDs/EFAs have delegated authority for certain types of site approval requests to other commands. Check with the appropriate EFD/EFA for specific policy. Headquarters, Marine Corps has site approval authority for Marine Corps activities in accordance with MCO 8020.10.

The EFD/EFA/HQMC reviews each site approval request for the following:

- Compatibility with the RSIP.
- Conformance to sound land planning principles and practices.
- Operational and functional relationships relative to existing and planned facilities.
- Safety criteria.

Those projects with safety implications require a Safety Certification by the commands that have been assigned the responsibility for overseeing specific safety areas. Before forwarding these requests for site approval to the these commands, the EFD/EFA/HQMC will review the package submitted by the activity/region to make sure that it is correct and complete.

5.1 SITE APPROVAL REQUESTS WITH EXPLOSIVES SAFETY IMPLICATIONS

The primary resource for siting projects with explosives safety implications is the "NAVSEA OP-5, Volume 1, Seventh Revision, Ammunitions and Explosives Ashore, Safety Regulations for Handling, Storing, Production, Renovation and Shipping." This document defines in detail what projects require explosives safety certifications.

The activity/region sends all site approval requests with explosives safety implications to the EFD/EFA/HQMC. A copy of the site approval request must also be sent to the appropriate NOSSA LANT/PAC Explosives Safety Support Office (ESSO) for concurrent review and comment directly to NOSSA. NOSSA LANT/PAC ESSOs have approval authority for storage sites involving Class/Division 1.2.2, 1.3 and 1.4 material (less than 300 pounds). Such requests will be submitted directly to the ESSOs from the EFD/EFA.

After reviewing the site approval request, the EFD/EFA/HQMC sends the site approval request to the Naval Ordnance Safety and Security Activity (NOSSA), Indian Head (Code N711). NOSSA provides approval or disapproval of the explosives safety aspects of the project to the EFD/EFA/HQMC and these comments form the basis for approval or disapproval of the proposed site. NOSSA approves or disapproves site approval requests within their authority. Requests exceeding their approval authority are forwarded to the Department of Defense Explosives Safety Board (DDESB). NOSSA will provide a final approval letter for compliance or rejection with explosives safety criteria to the EFD/EFA/HQMC. The address for NOSSA is:

Naval Ordnance Safety and Security Activity (N711) 23 Strauss Ave Indian Head, MD 20640-5035 (301) 744-4965 DSN 354-4965 FAX (301) 743-6087

5.1.1 EXPLOSIVES SAFETY CERTIFICATIONS

Site approval requests that exceed the approval authority of NOSSA will be forwarded to the Department of Defense Explosives Safety Board (DDESB) for concurrence. This decision can only be made by NOSSA, therefore all site approval request packages being forwarded to NOSSA must contain sufficient copies of all enclosures to satisfy the additional submission to DDESB. The DDESB has the responsibility to establish safety standards for ammunition and explosives. The Board reviews and approves safety at sites for facilities involving ammunition or explosives, or structures near or affected by explosives safety criteria.

Explosives safety certifications are required on the following types of project site approval requests:

- All new construction of facilities used for ammunition and explosives activities.
- Changes in the use or mission of explosives facilities that modify established ESQD arcs or increase hazards.
- New construction of facilities not involving ammunition and explosives that are so near ammunition and other explosives that they are exposed to hazards or for which a reasonable doubt exists regarding exposure to hazards.
- Changes in an installation mission that expose facilities not involving ammunition and explosives to blast, fire, or fragment hazards or to potential toxic chemical agent release.
- Modification or changes to existing facilities involving ammunition or explosives, or facilities
 encumbered by an inhabited building ESQD arc, unless they are minor in nature and do not
 introduce an additional hazard. Modifications are generally defined as any project that actually
 constructs or adds something new that has not previously existed or that requires wholesale
 removal of a system or part of a facility for eventual replacement with a similar system.

- Maintenance and repair projects (other than routine) to facilities involving ammunition and explosives, or facilities at less than K=18, intraline distances from a potential explosive source.
- Modification of facilities currently under a waiver/exemption, or construction of a facility that will
 replace another facility under waiver/exemption.
- Downgrading an ordnance facility to an inert function, or reducing an explosive limit to remove an ESQC arc from an area to allow additional development.
- Non-DOD explosives operations conducted at DON activities.

5.1.2 EXPLOSIVES SAFETY CERTIFICATION WITHOUT SITE APPROVAL

Although maintenance and repair projects do not require site approval, many will require an explosives safety certification due to the location of the proposed work. Projects must be reviewed to identify explosives hazard risks and to make sure that appropriate safety measures are taken. Routine maintenance or minor repairs do not require explosives safety certification. Major modifications or extensive repair work do require an explosives safety certification. Distinguishing between major and minor projects should take into account the following criteria:

- New Construction Any project that adds something that has not previously existed requires site
 approval/safety certification. Examples include fencing or lighting; construction of a new road or
 widening of an existing one; or adding mezzanines within a building.
- Major Modification Any project that requires wholesale removal of a system or part of a facility
 and installation of a similar system requires explosives safety certification. Examples include
 replacement of roofs or refurbishment/replacement of utilities such as electrical or air conditioning
 systems.
- Minor Restoration Where damage to a facility has been caused by storms, fires, etc., minor work
 to repair the facility will not normally require explosives safety certification. However, if the
 repairs are extensive enough to take a considerable period of time or the work will change the
 original function of the facility, an explosives safety certification is required.

An explosives safety certification without site approval follows the same process to obtain a site approval with explosives safety certification. The activity completes the NAVFAC Form 11010/31 with the required graphic documentation and forwards it to the EFD/EFA/HQMC with appropriate copies. The EFD/EFA/HQMC reviews the request to make sure it is complete and correct and forwards it to NOSSA for action.

5.1.3 Interim Construction Authorization

Interim construction authorization is required to temporarily increase the number of non-operational people exposed to an ammunition and explosives hazard. It is granted as a condition of the project site approval or explosives safety certification of a project to permit construction workers to be within the unbarricaded intraline distance (K=18) portion of an inhabited building ESQD arc for the period a project is under construction. When ammunition and explosives operations must continue during construction, additional justification, addressing operational requirements and any additional safety precautions, must be provided.

5.1.4 PROJECTS NOT REQUIRING EXPLOSIVES SAFETY CERTIFICATION

The Navy has tried to limit the kinds of maintenance and repair projects that require explosives safety certification. To that end, the following kinds of projects are excluded from the explosives safety certification process.

- Routine maintenance or repair work that is performed on a regular basis where maintenance
 workers will be present for only a short period of time. Examples include mowing of grass,
 removal of underbrush, minor road maintenance, routine railroad track maintenance, and painting
 of facilities.
- Maintenance and repair projects that are located outside the intraline distance (K= 18) from a potential explosives source, provided there is no increase in the number of people exposed to an explosive hazard after project completion. Examples include road repairs and repaving, railroad track and bridge repair, roof repairs or maintenance. This exclusion applies to work performed in an ordnance operating facility and magazine, if all explosives are removed from the facility before beginning work and the conditions defined in paragraph OP-5 (paragraph 8-1.2.1b(4) are met.
- Maintenance dredging projects.
- Airfield and waterfront maintenance and repair and utility replacement projects where the
 construction work can be controlled so as not to occur at the same time as explosives handling
 operations. This applies to most naval stations, supply centers, ship repair facilities, and submarine
 base piers as well as aircraft cargo handling (red label) areas and combat aircraft loading areas
 where explosives hazards are not continuously present.

This exclusion does not include work performed on or near the piers and wharves at the facilities listed below:

- Naval Weapons Stations Earle, Yorktown, Charleston, and Seal Beach
- Commander, Naval Activities Marianas (Kilo Wharf)
- Naval Magazines Pearl Harbor, and Indian Island
- Naval Station Rota
- NATO Ammunition Depot, Augusta Bay and Souda Bay
- Pacific Division, Port Hadlock Detachment
- Fleet Activities, Sasebo
- Fleet Activities, Okinawa, Tengan Pier
- Submarine Bases Kings Bay and Bangor

5.1.5 FINAL SAFETY REVIEW

A final safety review is part of all site approvals for projects that have explosives safety implications. Normally, the final safety review is issued at the time of the site approval. However, the DDESB often requires that projects that construct explosives operating or storage facilities or facilities located within ESQD arcs undergo a more detailed construction review. A final safety review often is required when the DDESB approves a project site contingent on specific construction requirements.

The DDESB requires that design drawings and specifications be submitted for final safety review. Normally, the information available at the Parametric Cost Estimate (PCE) phase of the design is sufficient for final safety review. The EFD/EFA/HQMC is responsible for assembling the documentation and submitting it to NOSSA who will, in turn, request DDESB final safety approval.

Provide one copy of the final site plan and one complete set of the PCE design drawings and specifications.

The site plan must show the planned development for the proposed project and its immediate vicinity at a scale no smaller than 1 inch equals 400 feet. In most cases, the location plan submitted with the site approval request is sufficient. Provide a topography map with appropriate contours when natural barricades are present, or when topography influences the layout (as in some chemical operations).

Provide a brief summary of the design procedures used if engineered protection is used to reduce the quantity/distance requirements. This summary should include a statement of the design objectives in terms of protection categories to be attained (as defined in NAVFAC P-397), explosives quantities involved, design loads applied, material properties and structural behavior assumptions, and sources of methods used. Detailed calculations are not required. Design of explosion-resistant facilities should be performed by an organization or individual experienced in the field of structural dynamics using design procedures accepted by professionals in the field such as Naval Facilities Engineering Service Center (NFESC), ESC60, Port Hueneme. If you have questions concerning this requirement, contact NAVFAC or NOSSA. Provide information on the type and arrangement of the explosives operation or chemical processing equipment. Identify the overall explosives limit of the facility as well as the explosives limit for each room or cell.

Provide information regarding the number and type of personnel (civilian or military, and the kind of work they are performing, administration, production, support, etc.) located in offices and operating areas of the proposed project.

When chemical agents are involved, provide information regarding people, protective clothing and equipment, treatment of effluent and waste materials, adequacy of medical support, average wind speed and direction, warning and detection systems, and hazard analysis, as appropriate.

A Requirements Hazard Analysis (RHA) must be performed on all new or modified explosive industrial operations. Based on this analysis, engineering design criteria should be developed for selecting equipment, shielding, engineering controls, and protective clothing appropriate for the facility and operation. Specific requirements are addressed in NAVSEA OP 5.

5.1.6 SITE APPROVAL BY SAFETY ASSESSMENT FOR EXPLOSIVES RISK (SAFER)

If, following a review by NOSSA, it is determined that site approval cannot be granted by using the qualitative tables in NAVSEA OP 5, NOSSA will evaluate the potential for obtaining site approval by using SAFER. This procedure allows consideration for probability of an explosives event and the expected exposure of personnel. Because the information required for review under SAFER differs considerably from that for a conventional site approval, NOSSA will provide the necessary guidance for preparing a SAFER submission, in accordance with Chapter 8 of NAVSEA OP 5.

5.2 SITE APPROVAL REQUESTS WITH ELECTROMAGNETIC RADIATION SAFETY IMPLICATIONS

EMR criteria fall into three distinct areas:

Hazards of Electromagnetic Radiation to Personnel (HERP)



Strong radio frequency (RF) fields can be hazardous to personnel. Present exposure limits are based on thermal effects - the actual heating of tissue due to the absorption of RF energy. These limits are based on RF exposure over an averaging time that is dependent on frequency and type of exposure. However, the typical averaging time is 6 minutes (0.1 hr). Personnel can be exposed to higher RF fields than those listed, but for shorter periods of time. The safe separation distances for personnel are based on the exposure limits for a six minute interval. Personnel can safely enter this area for shorter periods of time; however, the RF field strengths will increase nearer to the antenna and the allowable exposure time will drop accordingly. HERP safe separation distances are based on the Permissible Exposure Limits (PELs) provided in Department of Defense (DoD)Instruction 6055.11 "Protection of DoD Personnel from Exposure to Radiofrequency Radiation and Military Exempt Lasers," dated February 21, 1995.

- Hazards of Electromagnetic Radiation to Fuels (HERF)
 Under the right conditions, RF fields can ignite fuel vapors. In order for this phenomenon to occur, there must be a flammable fuel-air mixture within range of the induced arcing, the arc must contain a sufficient amount of energy to cause ignition, and the gap across which the arc occurs must be a certain minimum distance. Handling of fuels under normal circumstances does not produce a flammable atmosphere except close to fuel vents, open fuel inlets, or close to spilled fuel. The flammability of fuels is also dependent upon temperature. At normal temperatures, fuels such as AV-gas, JP-4, and automotive gasoline are flammable. Diesel fuel is not flammable below approximately 120° F. Due to the many variables involved, minimum separation distances have been established between RF communications transmitters and fueling operations at shore stations. For emitters radiating less than 250 watts, the separation distance between the RF source and fuel is 50 feet (15 meters). For transmitters radiating more than 250 watts, the minimum distance is 200 feet (60 meters). For pulsed transmitters such as radars, fuel sites should not be exposed to peak power densities exceeding 5 watt/cm². The HERF criteria are given within NAVSEA OP3565/NAVAIR 16-1-529/NAVELEX 0967-LP-624-6010, Volume 1.
- Hazards of Electromagnetic Radiation to Ordnance (HERO)
 Radio and radar transmitting equipment produce high intensity electromagnetic fields. Such fields can cause premature initiation of electro-explosive devices (EEDs) contained in ordnance systems. For EMR approvals involving HERO, site approval requests are submitted to NOSSA (N716) with a copy to Naval Surface Warfare Center (NSWC), Dalgren Division. Many projects that require HERF, HERP, and EMI approvals will also require HERO approval. These are separate approvals and, when required, must be submitted to both SPAWAR, NOSSA, and NSWC, Dahlgren Division.

In addition to these safety considerations, there is also the operational consideration of electromagnetic interference (EMI).

5.2.1 EMR SAFETY CERTIFICATIONS

The CNO has divided the responsibility for safety certifications associated with the hazards of electromagnetic radiation between COMSPAWARSYSCOM for HERP, HERF, and EMI projects and NOSSA with a copy to Naval Surface Warfare Center, Dahlgren Division for HERO projects. Requests for site approvals which require reviews for EMR hazards should be directed to:



Space and Naval Warfare Systems Center (SPAWARSYSCEN) Charleston

Attn: Code 323 P.O. Box 190022

North Charleston, SC 29419-9022

(843) 218-4228 DSN 588-4228 FAX (843) 218-4238

For PACDIV activities, HERP, HERF and EMI reviews should be forwarded to:

Space and Naval Warfare Systems Activity Pacific (SPAWARSYSACT PAC)

Attn: Code D915 675 Lehua Avenue Pearl City, HI 96782-3356 (808) 471-1976 DSN 315-1976 FAX (808) 474-5511

The EFD/EFA/HQMC reviews the request for site approval documentation determines what safety certifications are required, and makes the appropriate submissions.

Requests for site approval/safety certification are forwarded by the EFD/EFA/HQMC to the appropriate command(s) for the following kinds of projects:

- Installation of a transmitting antenna
- Construction of any facility intended to house EMR-sensitive equipment
- Any project that would place people, fuel, or explosives in an area illuminated by EMR
- Change of equipment that alters the electromagnetic environment

The EFD/EFA/HQMC may approve project sites with HERP, HERF, or EMI implications where the transmitter is less than 7 watts average power and antenna gain is less than 6 dBi, provided that no personnel are within 3 feet of the transmitting antenna and there are no fueling operations within 50 feet. Otherwise, the request for site approval is sent to the appropriate SPAWARSYSCOM reviewing activity.

SPAWAR does not centrally fund HERP, HERF, or EMI reviews. Navy activity/region requesting site approval must fund them. The appropriate SPAWAR office will develop a case-by-case cost estimate for the site approval/safety certification. Costs normally range from \$8000 to \$20,000 or more, depending on the number of systems that must be reviewed. NAVCOMPT funding documents will then need to be forwarded before the review can begin. Note that no progress will be made on the site approval request until funding is received. These reviews can take from three to eight weeks or more, depending on the complexity of the analysis.

5.2.2 Proposed Sites With HERO Implications

For projects involving HERO safety criteria, site approval requests will be forwarded to NOSSA (N716) with a copy to:

NSWC, Dahlgren Division Attn: Code (J50) 17320 Dahlgren Road Dahlgren, VA 22448-5100

e-mail address: j50@nswc.navy.mil

Comments on requests for site approvals involving HERO criteria are provided to the EFD/EFA/HQMC by NSWC, Dahlgren Division. Projects involving fire alarm radio transmitters of 1 watt of power or less, and located at least 10 feet from "HERO Unsafe" ordnance or 5 feet from "HERO Susceptible" ordnance, need not be submitted for review. These transmitters would be included in the list of transmitters submitted as the pre-HERO survey data package in accordance with OP 3565, Volume 2.

NOSSA does not currently fund the costs of HERO impacted site reviews. Navy activities/regions requesting site approval must fund them. NSWC DD will develop a case-by-case cost estimate for the site approval request/safety certification. NAVCOMPT funding documents will then need to be forwarded before the review can begin.

5.3 SITE APPROVAL REQUESTS WITH AIRFIELD SAFETY IMPLICATIONS

"NAVFAC P-80.3, Airfield Safety Clearances," provides criteria and regulations with respect to lateral and vertical clearances for siting facilities near runways. The purpose of these criteria is to provide a safe operating environment at Navy air stations. New facilities, including temporary, permanent, and mobile structures, must be located and constructed in accordance with these criteria.

Some project sites at airfields will require a waiver of the airfield safety criteria. Where appropriate, NAVAIRSYSCOM will grant waivers for deviations from airfield safety criteria. These waivers are considered when the degree of deviation from criteria can be precisely documented and, in the opinion of NAVAIRSYSCOM, the deviation from safety criteria is balanced by operational needs. To avoid the need for safety waivers and to minimize their issuance and project delays, the activity should contact NAVAIRSYSCOM (AIR 8.0) during the planning stages of the project to discuss the need/justification for deviation from airfield safety criteria. Consultation during the planning stage allows changes to be incorporated into the project, prior to design, that will allow the project to meet safety criteria.

NAVAIRSYSCOM will comment on the site approval request and whether a request for waiver of criteria will be favorably considered. The airfield safety criteria waiver is a condition of the site approval. If it is indicated that a waiver would be favorably considered, the request for a waiver should be sent from the activity/region to NAVAIRSYSCOM (AIR 8.0) approximately 60 days before construction. The address for NAVAIRSYSCOM waiver review is:

Naval Air Systems Command Bldg 404 22145 Arnold Circle Unit 7 Patuxent River, MD 20670-1541 Attn: Air 8.0

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When planning project sites that may impact air space, you must coordinate with the cognizant Navy representative ("NAVREP") in the Federal Aviation Administration (FAA) regional office. FAA concurrence with the proposed project site must be included in the site approval request.

5.3.1 AIRFIELD SAFETY CERTIFICATIONS

NAVAIRSYSCOM does not certify airfields. If the airfield meet the requirements of the NAVFAC P-80.3, it meets the minimum airfield safety requirements established for the Navy. If there are potential violations to the safety criteria, a request for airfield safety waivers should be forwarded to NAVAIR (AIR 8.3) for review.

5.4 SITE APPROVAL REQUESTS FOR SMALL ARMS RANGES

Requests for site approval for small arms ranges are submitted by the EFD/EFA/HQMC to the CNO (N411). The EFD/EFA/HQMC reviews the request to make sure it conforms with design criteria and forwards comments with the site approval request. The CNO approves or disapproves the request and notifies the EFD/EFA/HQMC. NOSSA reviews the request for site approval of a small arms range only when the project site is encumbered by an Explosives Safety Quantity Distance (ESQD) arc or the range safety zone overlays ammunition/explosives related facilities.

5.5 RADIOACTIVE MATERIAL / RADIOACTIVE PRODUCING MACHINES

Projects involving radioactive material or radioactive producing machines should be sent for review and approval to:

Officer in Charge Radiological Affairs Support Office (RASO) COMNAVSEADET-RASO Code 06GNS Naval Weapons Station Yorktown Yorktown, VA 23691-5098

Phone: DSN 953-4692 Comm: (804) 887-4692

Drainage, specifications and a description of radioactive material/machine should be submitted. Items to be included with submittal include materials, safety seals, intrusion alarms, warning lights, etc.

6.0 REQUIRED DOCUMENTATION FOR SITE APPROVAL REQUESTS

The NAVFAC Form 11010/31, Request for Project Site Approval/Explosives Safety Certification, is the form used in the site approval process. Note that the form has two parts. Part I includes general information on the project, including an area for the various approvals. Part II has three divisions, Division A requires information for projects with explosives safety implications, Division B is for airfield safety, and Division C is for electromagnetic radiation safety.

6.1 NAVFAC FORM 11010/31 REQUEST FOR PROJECT SITE APPROVAL/ EXPLOSIVES SAFETY CERTIFICATION

The format of NAVFAC Form11010/31 is for use by the activity/region and EFD/EFA/HQMC. The information to be inserted into each block on NAVFAC Form 11010/31 Parts I and II is described in the following paragraphs.

6.1.1 NAVFAC FORM 11010/31 PART 1, SECTION A, INSTALLATION SUBMISSION

This section is to be filled out by the originating activity/region.

Block 1. TO

Enter the name of the cognizant EFD/EFA/HQMC. Do not use abbreviations.

Block 2, FROM

Enter the originating activity name and location. Do not use abbreviations.

Block 3. PROGRAM YEAR

Enter the Fiscal Year in which the project is proposed for funding. If the project is currently unprogrammed, enter "UP".

Block 4. COST (\$000)

Enter the estimated cost of the project in thousands of dollars.

Block 5. TYPE FUNDING

Enter "MILCON" for Military Construction, "O&M,N" for Operations and Maintenance, Navy, "NAF" for Nonappropriated Funds, "NWCF" for Navy Working Capital Fund, "GOJ" for Government of Japan funded, "NATO" for North Atlantic Treaty Organization funded, etc. "Other" can be used for miscellaneous funding sources.

Block 6. ACTIVITY UIC

Enter the Unit Identification Code (UIC) of the originating activity/region.

Block 7. DATE

Enter the preparation date. Subsequent revisions should reflect new dates, do not reuse the same form as was previously submitted, if the project is being resubmitted.

Block 8. CATEGORY CODE & PROJECT TITLE

Enter the five-digit category code number from NAVFAC P-72 for the primary facility. In the case of a multi-use facility, enter the category code of the predominant use. The project title is the nomenclature from NAVFAC P-72 or a local description of the project. Name the special area if the project is not located at the primary activity.

Block 9. PROJECT NUMBER

For Military Construction, enter the full "P-number". For other than MILCON projects, enter the Special Project number or an activity project number or use "Not Applicable (N/A)."

Block 10. TYPE OF PROJECT

Check all blocks which apply to the project, giving additional details in Block 12.

Block 11. TYPE OF REQUEST

Check the blocks which describes the type of request. If the project has been submitted before, check "Resubmittal" and include appropriate remarks in Block 12 to explain why.

Block 12. PROJECT DESCRIPTION

Briefly describe the proposed project. This may include type of construction materials, special construction features such as hardening, shatterproof windows, electromagnetic radiation shielding, etc. Include any descriptive details which may be necessary for clarity such as location in relationship to safety criteria, utilities or site work, rationale for proposed siting, past history of the project if it is a resubmission, etc.

Block 13. PROJECT MAPS

Indicate the number of sets of the project maps attached to the NAVFAC Form 11010/31. Enter "N/A" if no maps are attached.

Block 14. PARTS OF NAVFAC FORM 11010/31

Identify which supplemental Part II of the NAVFAC Form11010/31 is included. Projects which are encumbered by safety criteria will require one or more Divisions of Part II.

6.1.2 NAVFAC FORM 11010/31 PART 1, SECTION B, EFD REVIEW

This section will be completed by the EFD/EFA/HQMC. For those projects which are forwarded for Safety Certification, the EFD/EFA/HQMC will ensure that the appropriate number of copies of the project siting documentation and maps are attached.

Block 1. NAME/CODE/PHONE NUMBER OF REVIEWER/E-MAIL ADDRESS

Enter the name, code, and phone number and e-mail address of the EFD/EFA/HQMC representative who has performed the site approval action.

Block 2. DATE RECEIVED

Enter the date project was received by the EFD/EFA/HQMC.

Block 3. EVALUATION

Enter summary of the evaluation of the site.

Block 4. SAFETY REVIEW REQUESTED

Check the appropriate box(es) indicating which review authorities will review the site approval/safety certification request.

Block 5. DATE FOWARDED

Enter the date the EFD/EFA/HQMC has forwarded the site approval request/safety certification.

Block 6. DATE OF SAFETY CERTIFICATION

Enter the date of the safety certification.

6.1.3 NAVFAC FORM 11010/31 PART 1, SECTION C, FINAL SITE APPROVAL ACTION

This section is for use by the EFD/EFA/HQMC to document the Final Site Approval Action for the site. Site approval, disapproval, the conditions of approval, additional reviews, or waivers required and the safety certification documentation are identified in this section. The EFD/EFA/HQMC will forward a copy to the appropriate activity and monitor future action to comply with the conditions of the site approval.

Block 1. APPROVALS

Check the appropriate boxes which apply to the site approval/explosives safety certification request.

Block 2. CERTIFICATION IDENTIFICATION

Enter the identification serial and date of the safety certification letter from NAVAIRSYSCOM, SPAWARSYSCOM, or NOSSA.

Block 3. REMARKS

Enter any conditions for approval of the project, e.g., a time limit for occupancy, special construction features, remove ordnance during construction, etc.

Block 4. OTHER APPROVALS REQUIRED

Check the box indicating follow-on approvals required to complete site approval action. Note "Airfield Safety Waiver Required" requires action by the activity commanding officer and "Final Explosives Safety Review" requires action by the EFD/EFA/HQMC.

Block 5. APPROVING OFFICIAL

Signature of official approving this site

Block 6. DATE

Enter date of action.

6.1.4 NAVFAC FORM 11010/31 PART II

Site approval for projects which are involved with or encumbered by ammunition and explosives, electromagnetic radiation, and airfield safety require safety certification from the command responsible for enforcing the safety criteria before site approval can be granted. It is the responsibility of the originating activity to provide the required justification and rationale and any maps needed to clarify the proposed project location relative to the safety criteria requirements or violations. The host activity or EFD/EFA/HQMC may insert additional justification as appropriate to fully explain any sitting constraints applicable to the proposed project.

6.1.4.1 SAFETY REVIEW FOR AMMUNITION AND EXPLOSIVES – PART II, DIVISION A

In addition to the information contained in Part 1, the information required by Part II, Division A of NAVFAC Form 11010/31 is needed with site approval requests requiring ammunition and explosives safety review prior to site approval. Maps and plans illustrating this information must also be enclosed.

Block 1. NEW/CLASS/DIVISION/ESQD ARC(S) OF PROJECT

If the project will include ammunition or explosives operations or storage, state the Class and Division and the Net Explosives Weight (NEW). Indicate the ESQD arcs (if any) created by the proposed project. Indicate distances from Inhabited Building(s) (IB), Intraline (IL), Intermagazine (IM), Public Transportation Route (PTR), Barricaded (B), and Unbarricaded (UB) as defined by NAVSEA OP-5. Use a continuation sheet if needed.

Block 2. CNO WAIVERS & EXEMPTIONS

List and state the reason for existing CNO waivers and exemptions which relate to the project, and indicate those which will be eliminated by the proposed project.

Block 3. PERSONNEL

Enter the numbers of personnel, proposed and existing, who will be exposed to an explosives hazard as a result of the proposed project. This would include personnel located within the proposed facility, or within the inhabited building ESQD arc created by the proposed facility. Make a note in Block 3 if the new personnel within the arc will be relocated from another ESQD arc.

Block 4. FACILITY NUMBER/TYPE

Identify all existing or planned facilities inside or in close proximity to ESQD arcs associated with the project or that generate arcs encumbering the project. State the facility number(this should correspond to the numbers on the enclosed plans and maps), and the type of operations performed there.

List the numbers of personnel associated with each facility. Indicate the NEW Classes and Divisions of ammunition and explosives, or other hazardous materials in facilities located within the inhabited building distance of the proposed project.

Indicate the distances between facilities and the proposed project (if appropriate) to include both the actual distances and the distances required by the criteria of OP-5.

Block 5. SITING RATIONALE

State the reason for the proposed project location including strategic, operational, functional and/or time constraints which dictate or influence location of the facility. Also, state economic factors which may influence the project location. Discuss any feasible alternatives and the reasons for rejecting these alternatives. Use the reverse side of the form or an attachment if additional space is needed.

Block 6. SIGNATURE OF PUBLIC WORKS OFFICER/BASE CIVIL ENGINEER The signature of the Public Works Officer/ Base Civil Engineer including e-mail address.

Block 7. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the Public Works Officer/Base Civil Engineer .

Block 8. DATE

Enter date of the signature.

Block 9. SIGNATURE OF EXPLOSIVE SAFETY OFFICER/INSTALLATION SAFETY OFFICER

The signature of the Explosive Safety Officer/Installation Safety Officer including e-mail address.

Block 10. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the Explosive Safety Officer/Installation Safety Officer.

Block 11. DATE

Enter date of the signature.

6.1.4.2 AIRFIELD SAFETY REVIEW - PART II, DIVISION B

In addition to the information contained in NAVFAC Form 11010/31 Part I, the information required on Part II, Division B of NAVFAC Form 11010/31 is needed with all site approval requests requiring airfield safety review. Maps and plans illustrating this information must be enclosed. The maps should include both existing conditions and proposed changes. It is also important that site approval requests be coordinated with the air operations officer so that all are aware of potential impact on air operations.

Block 1. RUNWAY NUMBER AND TYPE

Enter the runway number whose safety criteria is violated by the proposed project, noting whether it is Class A or B.

Block 2. AIRFIELD ELEVATION

Enter the elevation of the runway centerline at the point at which a perpendicular line would intersect the project site.

Block 3. GROUND ELEVATION AT PROJECT SITE

Enter the ground elevation at the project site.

Block 4. LATERAL DISTANCE FROM RUNWAY CENTERLINE

Enter the distance from the end of the runway, if applicable, or of a perpendicular line from the runway centerline or centerline extended to either the nearest point of the proposed project or the highest point of the proposed project, whichever is the most restrictive in terms of criteria violations.

Block 5. HEIGHT OF FACILITY

Enter the total height of the proposed facility. If the portion of the proposed project closest to the runway is not the highest part of the building, but is the most critical in terms of safety criteria, that height must also be stated. The objective is to identify anything that penetrates an airfield imaginary surface or encroaches a clear zone.

Block 6. HORIZONTAL DISTANCE TO RUNWAY PRIMARY SURFACE, OR EDGE OF PARKING APRON

State the horizontal distance from the runway primary surface to the closest or highest part of the project. If parking apron is involved, provide the distance from the parking apron edge to the project. Identify the clear zones by type (I, II, III) if any are encroached upon.

Block 7. SITING RATIONALE

State the reason for the proposed project location including operational, functional, and/or time constraints which dictate or influence the location of the facility. Also, state any economic factors such as cost avoidance, self-amortization, energy conservation, etc., which may influence the project location. Discuss any feasible alternatives and the reasons for rejecting these alternatives. (Use reverse side of form if additional space is needed.)

Block 8. EXISTING WAIVERS

State the waiver number end describe the conditions of any existing airfield waivers associated with the proposed project. Indicate whether or not the need for the waivers will be removed as a result of this project.

Block 9. ZONING

Describe the applicable portions of local ordinances, zoning regulations, and other county and state controls relative or applicable to the project, along with current zoning regulations, decisions, and policies.

Block 10. POINT OF CONTACT

Enter the name of the point of contact at the activity who can supply additional information concerning the proposed project including the e-mail address.

Block 11. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the activity point of contact.

Block 12. REQUESTED BY

Enter name of activity official requesting site approval. The Air Operations Officer is also required to sign the request.

Block 13. DATE

Enter date of request.

6.1.4.3 ELECTROMAGNETIC RADIATION REVIEW PART II, DIVISION C

In addition to the information required by Part 1, the information required by Part II, Division C of NAVFAC Form 11010/31, is needed with site approval requests requiring review and certification for Hazards of Electromagnetic Radiation to Ordnance (HERO), to Fuels (HERF) and to Personnel (HERP). Assistance in developing site approval documentation for sites with HERF and HERP implications is available from the Space and Naval Warfare Systems Center (SPAWARSYSCEN) Charleston, and the Space and Naval Warfare Systems Activity Pacific (SPAWARSYSACT PAC), for activities in the PACNAVFACENGCOM area of responsibility. Maps and plans illustrating this information must also be enclosed.

Note that Section I NAVFAC Form 11010/31, Part II, Division C, pertains to transmitter information. Sections 2 and 3 deal with antenna information and either one shall be completed depending upon which type of antenna is coupled to the transmitter. Section 2 Linear Antenna applies primarily to wire, vertical pole or tower, or multiple element antennas for low frequency (LF) through ultra high frequency (UHF) communications. Section 3 Aperture Antenna applies primarily to dish type or similar antennas for UHF and above communication (satellite, microwave, etc.) and radar antennas. Sections 4 through 6 apply to all transmitter installations and provide information on the locations of potential hazard areas relative to the transmitting antennas.

Section 1. TRANSMITTER

The following section describes the information required for transmitter installations or for projects affected by transmitters.

Block 1.(a) MANUFACTURER'S NAME/TYPE

Enter the manufacturer's name and model number if available. Also type of-transmitter e.g., satellite communications, precision approach radar, communications, etc.

Block 1.(b) NOMENCLATURE

Enter the transmitter military reference number, (such as AN/FRT-39).

Block 1.(c) FREQUENCY ALLOCATION/ASSIGNMENT STATUS

Enter the approved frequency allocation number and indicate whether a frequency assignment request has been submitted through the appropriate channels to NAVEMSCEN..

- (1) Navy and DoD policy requires that electronic equipment that uses the electromagnetic spectrum must obtain a frequency allocation. Each piece of equipment or system will have an assigned number known as J/F- 1 2 number.
- (2) Enter the Federal Communications Commission (FCC) Type Acceptance Number if the frequency allocation number is not available. This applies only to commercial off-the-shelf equipment. Civilian equipment parameters are reviewed by the FCC in a manner much like the DoD frequency allocation process. The number assigned is generally the same as the manufacturer's model number. For example, the TERRACOM TCM-602 transmitter is TCM-602. FCC Type Acceptance does not exempt equipment from the DoD frequency allocation process. A frequency allocation is still required for all equipment developed, leased, or procured by any DoD agency or DoD contractor.
- (3) Navy and DoD policy requires that a frequency assignment request be submitted before an RF system can be operated at a particular location. The submission of this request should be done as soon as possible, since it can take weeks or even months to be processed. If the system is to installed in a foreign country, the process can take up to a year or more, since coordination with the host nation must be done at the CINC level.

Block 1.(d) FREQUENCY RANGE

Enter the transmitter Radio-Frequency (RF) tuning range or exact frequencies to be used, in megahertz (MHz).

Block 1.(e) OUTPUT POWER INFORMATION Block 1.(e)(1) PEAK ENVELOPE POWER (PEP)

This blank must be completed for all amplitude modulated and pulse modulated systems. The PEP is the power supplied to the antenna transmission line by a transmitter during one radio-frequency (RF) cycle at the highest crest of the modulation envelope, under normal operating conditions.

Block 1.(e)(2) MEAN/AVERAGE POWER

The mean/average power is defined as the power supplied to the antenna transmission line averaged over a period of time sufficiently long enough to compare it with the period of the lowest frequency encountered in the modulation. A time of 0.1 (1/10th) second during which the mean power is greatest is normally selected. For a pulse system, the average power is calculated as:

Average Power = Peak Power x Pulse Duty Cycle (see Block 2(g))

Note: Provide the transmitter emission designator in the same block. (e.g., AM: J3E or FM:FIB)

Block 1.(f) MODULATION TYPE INFORMATION

Check the block which identifies the general modulation type.

Block 1.(g) PULSE CHARACTERISTICS

This data is only applicable to pulse-modulated systems such as radar

Block 1.(g)(1) PULSE WIDTH

Enter the pulse duration (PD) or width (in microseconds). Pulse duration is the time interval between the points at which the instantaneous value on the leading and trailing edge is 90 percent of the peak pulse amplitude.

Block I.(g).(2) PULSE REPETITION FREQUENCY (PRF)

Enter PRF in Hertz (Hz). The PRF is the rate at which pulses or a group of pulses are transmitted. If several different pulse rates are employed by the system, each rate should be listed along with pulse widths that will be used with each rate; e.g. 320 Hz—0.3, 1.0 μsec; 640—0.3 μsec.

Block 1.(g).(3) DUTY CYCLE

Enter the duty cycle, if available. The duty cycle is either (1) the ratio of the average power output to the peak power output of the wave form, or (2) the pulse duration (PD) times the pulse repetition frequency (PD x PRF = Duty Cycle). Either method will produce a "pulse time on" versus "pulse time off' ratio which can be multiplied by peak power to determine average power.

Section 2, LINEAR ANTENNA

Block 2.(a) MANUFACTURER'S NAME/TYPE

Enter the manufacturer's name and model number. Also the type of antenna e.g., whip, rotatable log periodic antenna (RLPA), multiple element beam antenna (YAGI), dipole, conical monopole.

Block 2.(b) NOMENCLATURE

Enter the antenna military reference number if available (such as AS-3482/GRC).

Block 2.(c) DIMENSIONS

Enter the physical or electrical size of the antenna in feet. This would include the length or height of the antenna radiating elements.

Block 2.(d) HEIGHT ABOVE GROUND

Enter the elevation of the base (lowest point) of the antenna above ground level; e.g. height to be mounted to the pole, tower, or building, etc. in feet. If the base of the antenna is on the ground, enter zero. Enter the ground elevation and the height of the antenna's mounting platform; e.g., building, tower, etc., in feet.

Block 2.(e) ELEVATION ANGLE

Enter the elevation angle in degrees. This is the angle above the horizontal (or below) to the center line of the main beam lobe. For electronic and mechanical scanning system, this is the lowest vertical angle to which the antenna can be depressed. List the different main beam lobe angles for antenna systems that have a selective pattern, when applicable.

Block 2.(f) POLARIZATION/PATTERN

Enter the polarization and pattern of the antenna. Polarization refers to the orientation of the radiated electromagnetic wave relative to the ground plane. Usually horizontal (H) or vertical (V) should be entered. Provide radiation pattern description and include a diagram depicting the actual lobe structure, if available. Information on antenna pattern may be obtained from the antenna manufacturer.

Block 2.(g) MAIN BEAM GAIN

Enter the main beam gain in decibels (dBi). Antenna gain is generally expressed in maximum gain over an isotropic antenna (dBi). Unless otherwise indicated, by specifying dBd, the gain will be assumed to mean gain over an isotropic antenna. Specifying dBd indicates that the maximum gain is over a dipole antenna.

Block 2.(h) COVERAGE ANGLE

If the antenna can be moved or scanned, mechanically or electronically, in azimuth, enter the horizontal main beam coverage angle in degrees. Information on antenna pattern and coverage angle may be obtained from the antenna specification. (For instance, a fully rotating antenna would have a coverage angle of 360°).

Section 3. APERTURE ANTENNA

Block 3.(a) MANUFACTURER'S NAME/TYPE

Enter the manufacturer's name and model number, the same as with linear antennas. Also the type of antenna e.g., three meter horn, Fed Parabolic Reflector, Cassegrain Reflector.

Block 3.(b) NOMENCLATURE

Enter the antenna military reference number, the same as with linear antennas.

Block 3.(c) DIMENSIONS

Enter the physical size of the antenna, in. feet. This would include the width and height of a rectangular antenna, or diameter of a circular antenna.

Block 3.(d) HEIGHT ABOVE GROUND

Enter the elevation of the base (lowest point) of the antenna above ground level; e.g. height to be mounted to the pole, tower, or building, etc. in feet. If the base of the antenna is on the ground, enter zero. Enter the ground elevation and the height of the antenna's mounting platform; e.g., building, tower, etc., in feet.

Block 3.(e) MINIMUM ANTENNA ELEVATION ANGLE

Enter the minimum elevation angle in degrees. This is the lowest vertical angle to which the antenna can be depressed. It could range from directly overhead $(+90^{\circ})$ to straight down into the ground (-90°) .

Block 3.(f) HORIZONTAL BEAM WIDTH

Enter the horizontal beam width in degrees. This is the angle in degrees between the 3dB points (half power points) of the main beam measured in a horizontal plane.

Block 3.(g) VERTICAL BEAM WIDTH

Enter the vertical beam width in degrees. This is the same as horizontal beam width, but in a vertical plane.

Block 3.(h) SCAN CHARACTERISTICS

Block 3.(h)(1) TYPE OF SCANNING

Enter the type of scanning, indicating "electronic," "mechanical," or combination. The term "electronic" denotes an antenna that does not physically move, but rather shifts the direction of the main beam by means such as switching or phasing the antenna elements. The term "mechanical" denotes the physical rotation of an antenna.

Block 3.(h)(2) VERTICAL/HORIZONTAL SCANNING COVERAGE

Enter the vertical and horizontal scanning in degrees or revolutions per minute (RPM). If an electronic scan system, degrees are applicable. If a mechanical scan system, RPMs or degrees may be applicable.

Block 3.(i) GAIN

Enter gain relative to an isotropic antenna (dBi).

Block 3.(i)(1) MAIN BEAM

The main beam gain is that solid lobe radiating away from the antenna in which the highest output power is transmitted. It encompasses the entire solid lobe over which the output power is not less than 3 dB below the highest output power (half power point).

Block 3.(i)(2) FIRST SIDE LOBE GAIN

In addition to the main beam, most antennas also exhibit secondary areas of increased transmission capability. These areas are called side lobes. Side lobes tend to fan out from the centerline of the main beam. The side lobe closest to the main beam is called the first side lobe. The gain of this side lobe is relative to the gain of the fundamental main beam described above. List all first side lobe gains associated with their main beam gain.

Block 3.(j) COVERAGE ANGLE

If the antenna can be moved or scanned mechanically or electronically, in either azimuth or elevation, enter the elevation and horizontal main beam coverage angle in degrees. This would include a maximum and minimum elevation, e.g., a radar may have an azimuth coverage angle of 360° and an elevation coverage of -7° to +85°. Information on antenna pattern/coverage angle may be obtained from the antenna manufacturer.

Block 4. HERP (Hazards of Electromagnetic Radiation to Personnel)

Block 4.(a)

For transmitter antenna installations enter the location and description of occupied buildings under or in the vicinity of the electromagnetic umbrella. The description of the building should include its height and its structural composition; e.g., corrugated metal walls or poured concrete with metal backing. If the project is for a building, rather than antenna, indicate which antennas radiate upon the building.

Block 4.(b)

Discuss methods for restricting personnel from the hazardous areas. Topography and grade differences between personnel use areas and potential hazard sources should be highlighted and discussed. (When more space is required, attach a continuation sheet.)

Block 5. HERF (Hazards of Electromagnetic Radiation to Fuel)

Block 5.(a)

Enter the location of the nearest fueling operation. Indicate what the facility is, e.g., gas station, storage tank, tank truck parking, (storage or handling).

Block 5.(b)

Enter the type of fuel to be stored or handled near the proposed transmitter.

Block 6. HERO (Hazards of Electromagnetic Radiation to Ordnance)

Enter HERO classification of ordnance at the activity (i.e., SAFE, SUSCEPTIBLE, UNSAFE) and complete NAVFAC Form 11010/31 Part II Division A to identify the type, class, location and quantity of explosive in the vicinity of a potential EMR hazard source.

Block 7. POINT OF CONTACT

Enter the name of the point of contact at the activity who can provide additional information concerning the proposed project including the e-mail address.

Block 8. TELEPHONE NUMBER

List both DSN and commercial telephone numbers of the point of contact.

Block 9. REQUESTED BY

Enter name of activity official requesting site approval.

Block 10. DATE

Enter date of request.

6.2 REQUIRED GRAPHIC DOCUMENTATION

In addition to the justification and rationale documented on NAVFAC Form 11010/31, plans and maps showing the proposed project location in relationship to the activity's planned land use, existing facilities, and siting constraints are a necessary part of each site approval request.

6.2.1 LOCATION MAP

The location map must show the project site relative to its location on the activity. Features which must be emphasized are the project's relationship to existing structures and facilities, natural and man-made development constraints, and the project's impact on planned development. This map should be a copy of the activity existing conditions map, land use, or ultimate development plan annotated as necessary to show the above relationships.

6.2.2 SITE PLAN

The site plan should be at a scale no smaller than 1 inch = 400 feet and provide information on the project and its site development as follows:

• Project location showing project orientation and adaptation to topography and existing facilities.

- Vehicular circulation and access to the project environs.
- Utility distribution systems.
- Natural and/or man-made constraints in the vicinity of the proposed project, and the planned mitigation of these constraints.
- Structure separation requirements necessary for fire safety.
- Scale and North arrow.
- Date information on the map was certified.

6.2.3 SPECIALIZED GRAPHIC DATA

In addition to the graphic data required for site approval outlined above, specialized safety criteria data must be highlighted on site plans for all projects which must receive a Safety Certification. In instances where more than one set of criteria must be addressed it should, as far as practical, be illustrated on the same site plan.

• Safety Certification for Ammunition and Explosives

Site plans for projects involving ammunition and explosives safety criteria must include the following data:

- (a) Outline in yellow the existing inhabited building ESQD arcs in the vicinity of the project site.
- (b) Outline in red the intermagazine, intraline, or public transportation route arcs where applicable.
- (c) Outline in green all new arcs or any arcs which will change as a result of the proposed project.
- (d) Show the point of origin, length of radius, quantity of explosives, and K-factor for all arcs identified on the map.
- (e) Identify by facility number all facilities within inhabited building ESQC arcs of a proposed or modified explosive facility as well as all facilities listed in Block 4 of NAVFAC Form 11010/31 Part II Division A.

• Airfield Safety Certification

Site plans for projects involving airfield safety criteria must include the following data:

- (a) Airfield elevation.
- (b) Ground elevation at the project location.
- (c) Lateral distances (in feet) from the runway centerline, edge of aircraft parking aprons or taxiways to the critical points of the proposed project location.

• Electromagnetic Radiation Safety Certification

Site plans for projects involving electromagnetic radiation safety criteria must show and highlight the following.

- (a) Show explosives transportation routes in the vicinity of radio frequency generating facilities. (HERO)
- (b) Show ammunition and explosives storage and/or operating facilities. (HERO)
- (c) Show the position and relationship between radio frequency generating facilities and personnel support facilities, inhabited buildings, and transportation routes. (HERP)
- (d) Show the position and relationship between radio frequency generating facilities and storage, handling and processing facilities for volatile materials.

6.3 NUMBER OF COPIES

All copies of the site approval request are sent by the activity/region to the cognizant EFD/EFA/HQMC for action. All action on a site approval or a safety certification request must be documented on the original

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NAVFAC Form 11010/31 (Parts I and II). The required number of copies of the request is determined by the type of project and the review process. One complete set of all documents should be retained in the activity files. The other sets should be forwarded to the EFD/EFA/HQMC for distribution as appropriate.

Copies of site approval requests for ammunitions and explosives:

- (a) Submitted for NOSSA review—4 copies
- (b) Submitted only to NOSSA LANT/PAC-2 copies

6.4 Special Considerations in the Site Approval Process

Here are some special consideration in the site approval process.

6.4.1 SITING FOR FAMILY HOUSING PROJECTS

Site approval for family housing projects is requested and provided on a project basis rather than an individual housing unit basis. Site selection for family housing projects is started by the EFD/EFA on notification from the Housing Division at NAVFACHQ. The same procedures are used for family housing. You must obtain site approval before starting the Site Engineering Investigation (SEI) phase of family housing development.

6.4.2 NAVY PROJECTS ON NON-NAVY LAND

If Navy projects are to be located on land not owned by the Navy, site approval must come from the property owners. Follow the siting criteria and site approval procedures of the property owners(s) or host command. Where there are no established site planning criteria or site approval review/approval process for the non-Navy location, request Navy site approval review as described herein.

6.4.3 Non-Navy Projects on Navy Land

Non-Navy owned facilities to be located on Navy property must follow the site approval procedures provided here.

6.4.4 CLASSIFIED SITE APPROVALS

Requests for site approvals that are classified are developed and submitted using the same procedures as unclassified requests. Appropriate procedures for handling classified material must, of course, be followed.

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001) PART I									
INSTRUCTIONS IN NAVFACINST 11010.45									
SECTION A - INSTALL	ATION SUBMISSION								
: 1. То:		2. From:							
3. Program Year:	4. Cost (\$000):	5. Type Funding	6. Activity UIC		7. Date:				
8. Category Code and Project T				9. Project Number					
10. Type of Project: New Construction Relocation of Structure Maintenance and/or Repairs Addition to Existing Facility Repair by Replacement Demolition			Other 11. Type of Request: Airfield Safety Site Approval Explosives Site/Safety Certification EMR Site Approval Resubmittal or Standard Site Approval (No Safety Criteria Involved)						
12. Project Description									
13Sets of Project Maps	Attached	14Sets Part II	Division(s)	Attached					
SECTION B -EFD REVIEW									
Name/Code/Phone No. of Reviewer/E-Mail Address:			2. Date Received:		2. Date Received:				
3. Evaluation:									
Safety Review Requested: (cl NOSSA DDES		□ NAVAIR [CNO	OTHER	5. Date Forwarded:				
6. Date of Safety Certification:	NOSSA DDE	ESB SPAWAR	NAVAIR	CNO	OTHER				
SECTION C - FINAL SITE APPROVAL ACTION									
Site Approved Site Disapproved			. Certification Identification	:					
Deferred/Returned	3	. Remarks							
Explosives Safety Certificat	ion Approved	1							
Explosives Safety Certificat Interim Construction Waive									
4. Other Approvals Airfie	ld Safety Waiver Required Explosives Safety Review Req	I	. Approving Official:		6. Date:				

Page 1

NAVFAC 11010/31 (REVISED NAVFACHQ MAY 2000)

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001) PART II DIVISION A-EXPLOSIVES SAFETY **INSTRUCTIONS IN NAVFACINST 11010.45** 1. NEW/Class/Division/ESQD arcs* of project: 2. CNO Waivers and Exemptions: 3. Personnel: (numbers): Existing Proposed Military: Civilian: Other: Total: 4. Facility Number/Type <u>NEW</u> Distance* Personnel Class/Division Actual/Required 5. Siting Rationale: *Distance from project. Specify IB, (Inhabited Building); IL, (Intraline); IM, (Intermagazine); PTR, (Public Transportation Route); B (Barricaded); UB, (Unbarricaded) Signature of Explosive Safety Officer/Installation Safety Officer Incl. E-Mail Address 6. Signature of Public Works/Base Civil Engineer (Name/Code) Incl E-Mail Address 7. Telephone Numbers: 8. Date: 10. Telephone Numbers: 11. Date: (DSN DSN.

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001) **PART II DIVISION B-AIRFIELD SAFETY INSTRUCTIONS IN NAVFACINST 11010.45** 1. Runway Number and Type: 2. Airfield Elevation: 3. Ground Elevation at Project Site: 4. Lateral Distance from Runway Centerline: 5. Height of Facility: 6. Horizontal Distance to Primary Surface or Edge of Parking Apron: 7. Siting Rationale: 8. Existing Waivers: 9. Zoning (Include AICUZ zone & civilian zoning designation if applicable) 10. Point of Contact: - Include E-Mail Address 12. Requested By: 11. Telephone Numbers: 13. Date: NAVFAC 11010/31 (REVISED NAVFACHQ MAY 2001) Page 3

REQUEST FOR PROJECT SITE APPROVAL/EXPLOSIVES SAFETY CERTIFICATION NAVFAC 11010/31 (REV. 5-2001) PART II DIVISION C-ELECTROMAGNETIC SAFETY

	INSTRUCTIONS IN NAVIAC	INST 11010.45					
1. TRANSMITTER							
(a) Manufacturer's Name/Type:							
(b) Nomenclature:	(e) Output Power Information (1) Peak Envelope power (PEP):		(g) Pulse Characteristics (1) Pulse Width:				
(c) Frequency Allocation Status:	(2) Mean/Average Power:		(2) Pulse Repetition Frequency (PRF):				
(d) Frequency Range:	(f) Modulation Type Information: ☐ Pulsed ☐ FM ☐ AM	Other	(3) Duty Cycle:				
2. LINEAR ANTENNA							
(a) Manufacturer's Name/Type:							
(b) Nomenclature:	(d) Height Above Ground:		(f) Polarization/Pattern:				
(c) Dimensions:		(g) Main Beam Gain:	(h) Coverage Angle:				
3. APERTURE ANTENNA		-	 -	<u> </u>			
(a) Manufacturer's Name/Type:							
(b) Nomenclature	(f) Horizontal Beam Width:		(i) Gain: (1) Main Beam Gain: (2) 1st Side Lobe Gain:				
(c) Dimension:	(g) Vertical Beam Width:		(j) Coverage Angle:				
(d) Height Above Ground:	(h) Scan Characteristics (1) Type of Scanning:						
(e) Minimum Antenna Elevation Angle:	(2) Vertical/Horizontal Scanning Coverage:						
4. HERP (Hazard of EMR to Personnel) (a) Distance to nearest occupied building-describe:							
(b) Description of intended method to restrict access to pote	ential EMR hazard zones:						
5. HERF (Hazard of EMR to Fuel) (a) Distance to nearest fueling facility operation:							
(b) Type of fuel in vicinity							
6. HERO (Hazard of EMR to Ordnance) - Complete	ed Part II Division A						
7. Point of Contact (Include E-Mail address):	9. Requested By:						
8. Telephone Number:	10. Date:						

NAVFAC 11010/31 (REVISED NAVFACHO MAY 2001)

Correspondence of technical review of plans and drawings for Palmer Hall.





SOUTHWEST DIVISION NAVAL FACILITIES ENGINEERING COMMAND 2585 CALLAGAN HWY, BLDG 99 SAN DIEGO, CALIFORNIA 92136-5198

> 02-D-8013-0001 5502.JT 20 March 2003

VIA ELECTRONIC TRANSMISSION

Solpac Inc. dba Soltek Pacific 2424 Congress Street San Diego, CA 92110-2888

Subject: CONTRACT N68711-02-D-8013 TO#0001, P-254, BACHELOR ENLISTED QUARTERS (BEQ)

AT NAVAL STATION, SAN DIEGO, CALIFORNIA

Gentlemen:

In accordance with the subject Contract N68711-02-D-8013, TO#0001, you are hereby authorized to proceed with the following work:

"ALL SITE UTILITIES PER C3.1, C3.2, E1.1 AND P1.1 AND APPLICABLE SPECIFICATION SECTIONS."

The above Partial Notice-to-Proceed (PNTP) is limited only to the work above and specifically excludes any other work on subject contract. ANY WORK PERFORMED OR COST INCURRED EITHER ON OR OFF THE SITE, PRIOR TO RECEIPT OF THIS NOTICE TO PROCEED IS AT THE CONTRACTOR'S OWN RISK.

This authorization does not relieve the Contractor of the responsibility to conform to the requirements of the RFP as amended and or modified.

Shannon Plummer is the designated Assistant Resident Engineer in Charge of Construction (AREICC San Diego) for this contract. Brindle Summers is the ROICC Contract Specialist. The ROICC will ensure that the construction work is in strict accordance with the plans, specifications, and any modifications. Prior to start of work, please contact Shannon Sanchez at (619) 556-6951.

Sincerely,

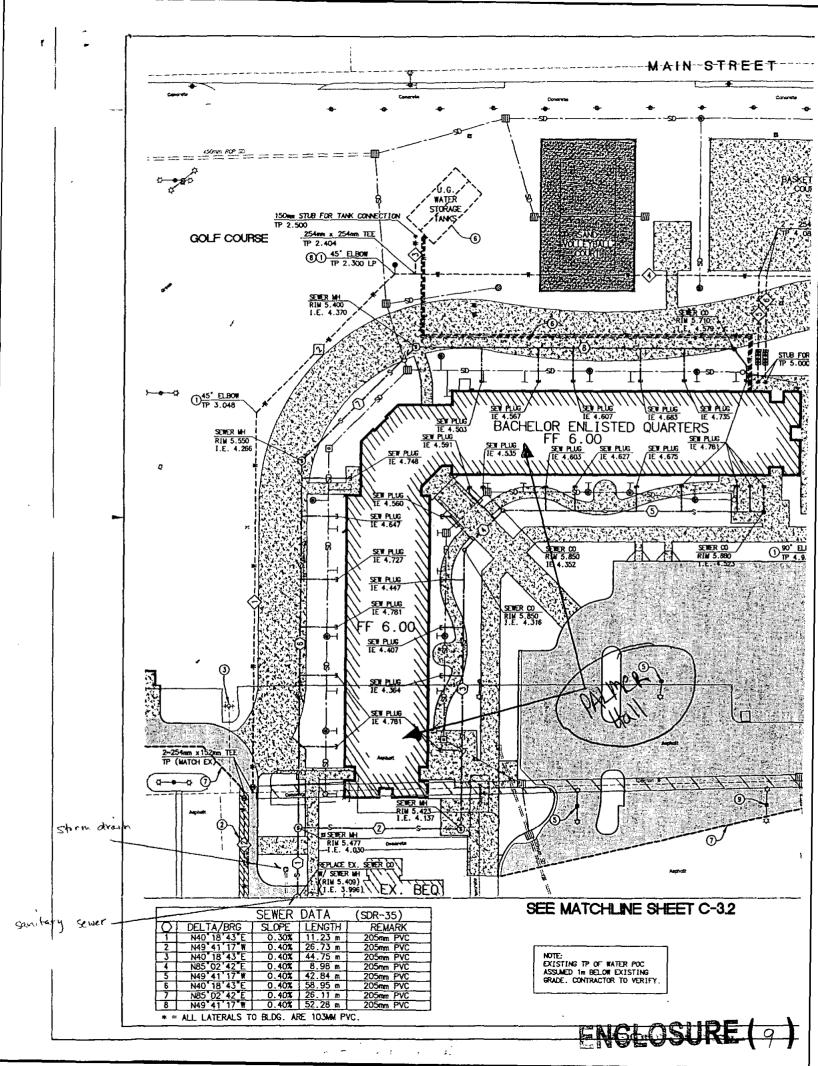
TINA COLLINS

Contracting Officer

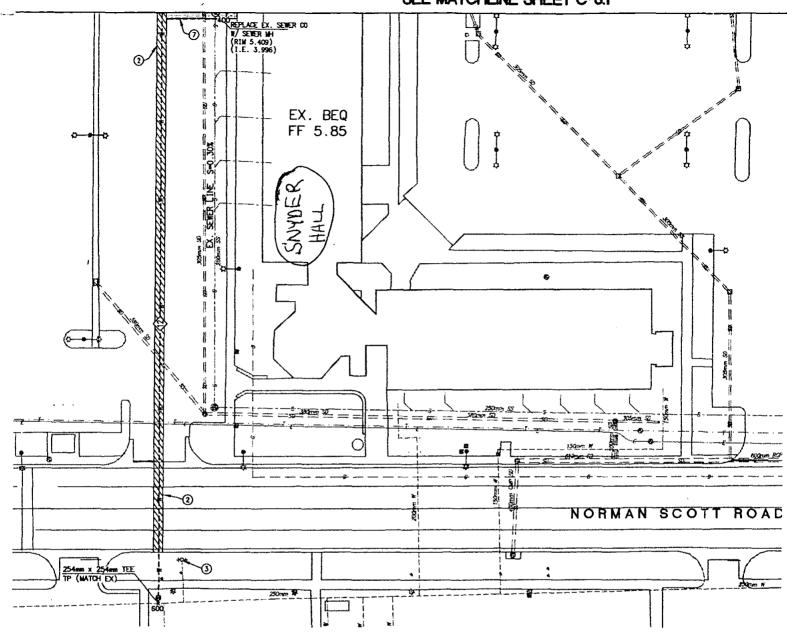
Cc: Shannon Plummer, ROICC SD Brindle Summers, ROICC SD Jon Carpenter, South Bay AFT



100% design drawings for Palmer Hall storm and sewer



SEE MATCHLINE SHEET C-3.1



100% design deavings Showing How proper sewer and Storm deain connections Should have been made.



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Contractor correspondence discussing Palmer Hall storm and sewer elevations

N68711-02-D-8013, Task Order #0001 P-254 Design Build Bachelor Enlisted Quarters 32nd Street Naval Station, San Diego, CA

REQUEST FOR CLARIFICATION No.: 124

DATE: July 15, 2003

Description:

The sewer manholes on the Northwest corner of C-3.1 shows Rim Elevations of the Sewer of 5.477 and 5.409. The site drawing C-2.1 shows elevations in this area of 5.70+/- and 5.50. The top of curb in the same area shows 5.50 matching existing at 5.590. Do the sewer rim and curb elevations need correction?

Response:

SEE ATTACHED EXHIBIT

Signed:

Date: 7

CC: PAML CATES

ENCLOSURE (27)

James Christie

From:

Paul Cates [pcates@soltekpacific.com]

Sent:

Thursday, July 24, 2003 3:10 PM

To:

James Christie

Cc:

John Bayardo; Keith Moss

Subject:

FW: P-254 BEQ: RFC#124

Attachments:

RFC#124.pdf; Response.pdf





RFC#124.pdf

Response.pdf

----Original Message-----

From: Calvin Lee [mailto:CLEE@rbf.com] Sent: Thursday, July 24, 2003 1:37 PM

To: bbump@soltekpacific.com

Cc: James Haughey; pcates@soltekpacific.com

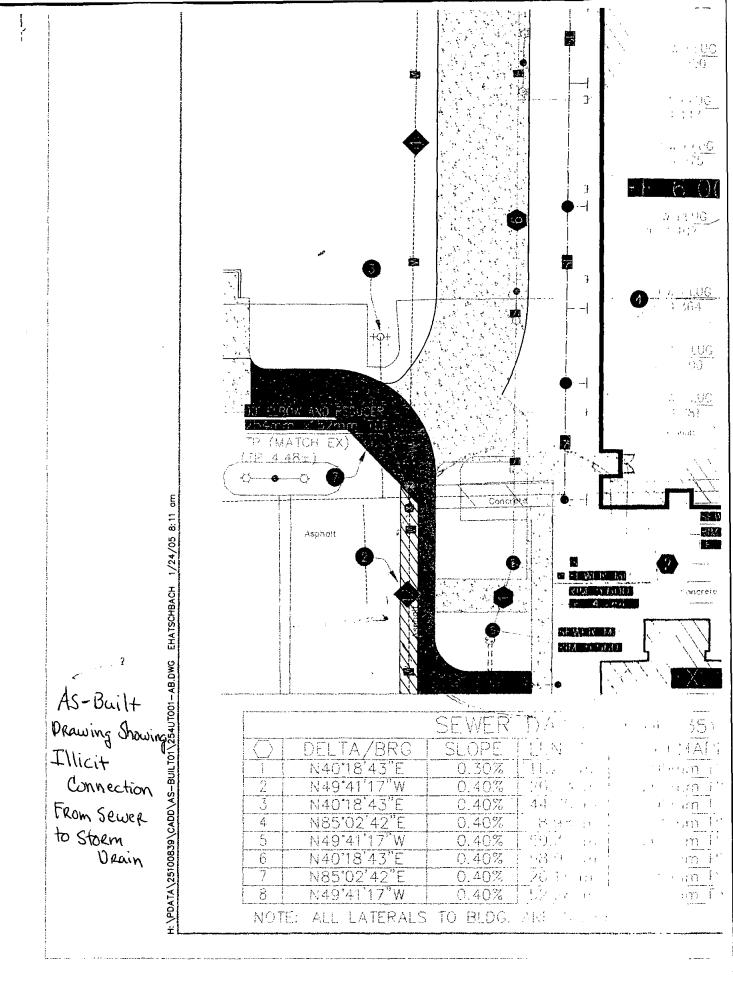
Subject: P-254 BEQ: RFC#124

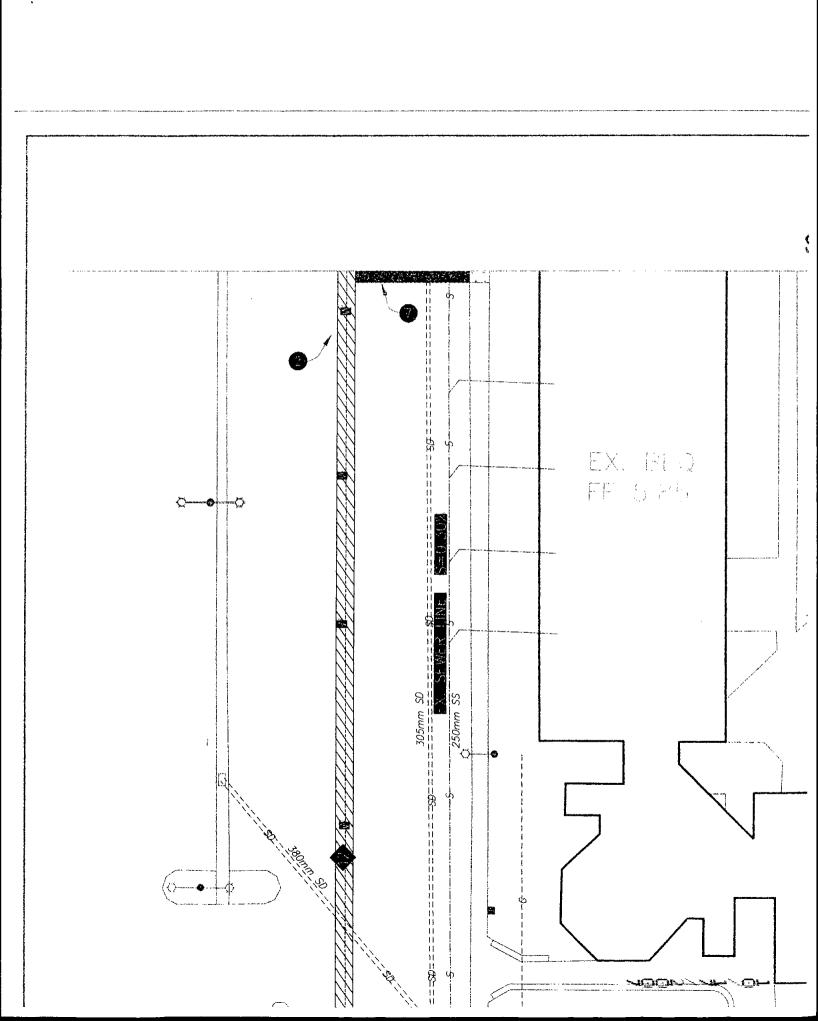
Ben,

We have revised the top of curb elevations and sewer rim elevations on the Northwest corner of P-254 (see attached PDFs). Feel free to call me if you have any questions or need additional information.

Thanks, Calvin Lee, P.E. RBF Consulting 9755 Clairemont Mesa Blvd., Suite 100 San Diego, CA 92124 (858) 614-5069 Fax (858) 614-5001

As-built drawings for Palmer Hall storm and sewer





Draft Utility acceptance criteria for new construction projects.

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Title:

Inspection and Acceptance of New Connections to Existing Navy/Marine-owned Utilities and New Utility Equipment

Intent:

(1) To establish NAVFAC Southwest Protocol for FEAD/ROICC, Utility Installer, and PW Utilities/Marine Corps FMD roles and responsibilities for the inspection of newly installed utility connections to Navy/Marine-owned utility systems and/or equipment prior to burying and/or energizing.

Amplification:

Note 1: Prior to any construction of a utility connection, an application including a construction plan for the utility service connection shall be submitted to and approved by PW Utilities Plan Reviewer. Each application shall include the relevant construction plans and specifications, following the standards of the applicable utility provider and regulatory agency that governs the utility where the project is located.

Note 2: This protocol is only applicable to connections made to Navy/Marine-owned utility systems. (This protocol is not applicable when connecting to non-Navy/Marine-owned systems)

- (1) For all new/repaired utility connections, FEAD/ROICC or other utilities connection installer shall schedule a pre-outage coordination meeting. During this meeting the FEAD/ ROICC will coordinate a pre-connection inspection to be conducted after trenching and layout is completed, but before the proposed service has been connected, and a post-connection inspection conducted after the connection has been made and before the connection is buried. The pre- and post-connection inspections will typically be on the same or consecutive days and shall be scheduled with the PW Utilities Inspector/Marine Corps FMD 14 days prior to the proposed date of the work. The PW Utilities Inspector/Marine Corps FMD will verify that all new connections to utility systems are made properly based on applicable standards.
- (2) Special Sanitary Sewer System Requirements. As part of the post-connection inspection for all new or modified sanitary sewer lateral and main connections, the contractor, with the PW Utilities Inspector/Marine Corps FMD observing, shall confirm that each new connection is connected to an existing sanitary sewer main. Verify the sewer connection to the sewer system by performing a dye check from the

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project to the first manhole on the next active sewer branch main downstream from the sewer branch main used as the project point of connection. Testing shall continue till the dye visually confirms the design connection is appropriate. Dye shall be a nontoxic non-staining sewer tracing dye. During the test the contractor shall monitor the storm drainage system downstream from the project, either manholes or outfalls, for any sign of cross connection.

Verify the project connections to the sewer system by performing a smoke test on the project sewer. Testing will verify that project storm drainage inlets or drains have not been connected to the sanitary sewer.

FEAD/ROICC representative will ensure test results are noted in the daily CQC report.

- (3) If deficiencies are found in the pre-connection inspection, the PW Utilities inspector/Marine Corps FMD will provide a list of deficiencies to the FEAD/ROICC representative. The FEAD/ROICC representative will determine if the requirements are within the contract. Items considered to be within the contract requirement will be given to the contractor for correction and documented in the contract files. Resolution of items considered outside of the contract by the FEAD/ROICC but deemed required by PW Utilities shall be resolved prior to cutting in the connection. (This situation should be avoided by having prior approved PW Utilities connection applications/construction plans.)
- (4) The PW Utilities Inspector/Marine Corps FMD shall be notified when all deficiencies have been completed to reschedule the pre-connection inspection. The repeated inspection will only cover items noted in the previous inspection.
- (5) After post connection inspection is completed, the PW Utilities Inspector/Marine Corps FMD will authorize the system or equipment to be energized and/or placed into service.
- (6) The Contractor shall provide as-built utility drawings, preferably in standard electronic format to FEAD/ROICC showing the location of all utility lines, mains, laterals, and other appurtenances reference to a known location or in GPS Coordinates. The type, class, size of all piping and

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valves shall be indicated on the as-builts. For new sewers, as-built invert elevations shall be provided starting from the building going to the first pre-existing downstream manhole. The FEAD/ROICC shall provide these to PW Utilities/FMD as soon as possible. The FEAD/ROICC shall follow the requirements of BMS 1.6.11NAVFAC RED ZONE to provide to PW Utilities/FMD utility record drawings.

- (7) Any change(s) to storm water systems shall be coordinated with installation environmental staff, including providing as-built drawings to update storm water system networks for compliance with National Pollutant Discharge Elimination System (NPDES) permits.
- (8) These guidelines are not a substitute for professional judgment as to when additional safe guards are needed to prevent improper connections to existing utility systems.

Definitions:

FEAD/ROICC/Utilities Installer. Utility connections may be installed by contractors or in-house forces (maintenance or utilities shops, Self-Help, Seabees, and so forth). This SOP covers all new utility connections to Navy/Marine-owned utilities, whether installed by in-house forces or by contractors managed by a FEAD or ROICC.

PW Utilities Inspector. PW Utilities Inspectors are designated by each PW Utilities group. Designated inspectors shall be trained in the PW Utilities requirements for water, sewer, electrical, steam, air, gas connections.

San Diego Metro Area:

Inspectors are designated by PW Utilities Operations Core BLM. Requests for Utilities Inspector services are managed by the NAVFAC Southwest Coastal IPT Utilities System Planning Division

San Clemente Island: NAVFAC Southwest Coastal IPT SCI Utilities Superintendent or Designee

OTHBs: Designated PW Utilities Inspectors would be designated on a case by case basis. Where Utilities Operations are under contract, FEAD/ROICC over the Utility Operations contract shall designate inspectors.

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For installations managed under Facilities Maintenance Departments, the FMD would designate the the inspectors.

PW Utilities Plan Reviewer. PW Utilities Planning is responsible for the review of applications for and plans of all connections to Navy/Marine Corps owned utilities. Planning is designated by each PW Utilities group.

San Diego Metro Area & San Clemente Island: NAVFAC Southwest Coastal IPT PW Utilities System Planning Division

OTHBs: Designated PW Utilities Plan Reviewer would be designated on a case by case basis. Where Utilities Operations are under a contract, FEAD/ROICC over the contract designates the plan reviewers.

For installations managed by a Facilities Maintenance Department, the PW Utilities Inspector is designated by the installation's Facilities Maintenance Department.

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Copies of December 20, 2006; February 8, 2007; and March 6, 2007 letters providing clean up description, sampling data, and data tables.



DEPARTMENT OF THE NAVY COMMANDER NAVY REGION SOUTHWEST 937 NO. HARBOR DR. SAN DIEGO, CALIFORNIA 92132-0058

NREPLYREFER TO: 5090 Ser N45JWW.ls/0402 December 20, 2006

Executive Officer (Sanitary Sewer Overflow Report)
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157 TECHNICAL REPORT FOR PALMER HALL SSO

As directed by the Regional Water Quality Control Board Order No. R9-2006-0157, a technical report for the sanitary sewer overflow at Palmer Hall, Naval Station, San Diego, is presented as Enclosure (1).

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 gather and evaluate 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,

ROBERT A. CHICHESTER

By direction

Enclosure: 1. Palmer Hall Sanitary Sewer Overflow Analysis

PALMER HALL BARRACKS, NAVSTA SANITARY SEWER OVERFLOW ANALYSIS FOR

NOTICE OF VIOLATION RWQCB ORDER NO. R9-2006-0157

1.0 Introduction

This technical report, prepared as a response to Regional Water Quality Control Board (RWQCB) Notice of Violation (NOV) Order No. R9-2006-0157, presents an analysis of an estimated 2 year, 14.2 million gallon sanitary sewer overflow (SSO) at the Palmer Hall Barracks at Naval Base San Diego (NBSD). During construction of Palmer Hall in November 2004, a sanitary sewer lateral was erroneously connected to an adjacent storm drain lateral. The sewer to storm drain cross-connection released approximately 14.2 million gallons of sewage, over a 25-month period, into the storm drain system, which discharges through storm drain Outfall 70 to Chollas Creek, and ultimately into San Diego Bay.

On November 29, 2006, RWQCB issued an NOV (Order No. R9-2006-0157) for this SSO. In the NOV, the Navy was directed to submit a technical report to include:

- 1. Discussing how the incident occurred;
- 2. Describing the steps the Navy has taken, or will take, to identify any other sewer lateral connections to storm drains at the facility;
- 3. Describing measures to prevent future sewer line cross-connections;
- 4. Proposing a plan for monitoring bacteriological and nutrient water quality in Chollas Creek and its outlet to San Diego Bay as well as other sites in San Diego Bay adjacent to NAVSTA; and
- 5. Including a clean-up/mitigation plan to mitigate water quality impacts to Chollas Creek that occurred during the two-year period of the illicit discharge of raw sewage to the creek and San Diego Bay. The Navy may be directed to implement the proposed mitigation plan with or with modifications.

This technical report addresses these NOV items.

2.0 SSO Incident Description

On November 16, 2006, personnel from the Naval Facilities Engineering Command (NAVFAC) were conducting a utility survey near Palmer Hall (Building 3621) for a new Navy SEABEE construction project when they discovered wastewater debris in a subsurface storm drain. As a result of that discovery, NAVFAC personnel used a pipe camera to view the storm drain and found a sewer lateral cross-connected to the storm drain at 08:30 on November 17, 2006. The release was stopped shortly after discovery and sewage from Palmer Hall was temporarily diverted into the sanitary sewage An inflatable plug was immediately placed in the storm drain just downstream of the cross-connection and the sewage flow diverted to a nearby sanitary sewer manhole by temporary pump until construction repairs could be made. The SSO was immediately reported to the command, County Department of Environmental Health, RWQCB, and Office of Emergency Services between 09:00 and 09:34 on November 17, 2006. A final version of the SSO report was submitted to these same organizations on November 21, 2006. lateral was from the Palmer Hall barracks and associated mini mart and was cross-connected to a storm drain connected to the barrack's roof drain.

The sewage discharge line from Palmer Hall, a 1,032 bed, 12 story barracks at NBSD was improperly connected to the storm drain at the time of construction in November 2004. Based upon water use data from Palmer Hall and the Mini Mart, which was connected approximately a year later, approximately 14.2 million gallons of sewage, over a 25-month period, was released into the storm drain system. This system discharges through storm drain Outfall 70 on NBSD to Chollas Creek at the Main Street bridge, and ultimately into San Diego Bay.

At 08:00 on Saturday, November 18, 2006, utilities mark-out crew identified line locations for the storm drain and sewer in the area. Once mark-out was completed, the Navy's construction contractor SOLTEK immediately started excavation and by 16:00 had installed a new 10" PVC sewage pipe and diverted sewage from the temporary diversion set up on November 16 to the sanitary sewer system. A new intercepting sewage manhole was also installed over an existing 4" clean out fitting (located in the parking lot). SOLTEK also re-directed the 4" sewage drain from the Mini Mart trailer, located at the North end of the parking lot, to the newly installed sewage manhole. All work on sewer

line was complete and flowing properly by 16:00 on November 18th. All work was observed and verified by NAVFAC personnel. SOLTEK also connected the Palmer Hall roof drain to the existing storm drain.

On Monday, November 20, with work completed on the new sewer manhole, reconnection of the roof drain from Synder Hall to the existing storm drain system completed, SOLTEK back filled the sewer and storm drain excavation and completed all surface repairs.

As requested by the RWQCB, at 15:50 on November 21, 2006, sampling technicians from Shaw Group collected water samples from Outfall 70. Analytical results showed the presence of total coliform (above 1,600 most probable number [MPN]), fecal coliform (300 MPN), and Enterococcus (500 MPN) in the water samples. Fecal coliform results were above water quality objectives for contact recreation and shellfish harvesting but below limits for non-contact recreation (San Diego Basin Plan).

Additional water samples were collected in Chollas Creek; one near the Main Street bridge, one 25 feet upstream of the Main Street bridge, and one near Outfall 70 (32nd Street bridge) on November 22, 2006. All three sample locations occur in areas with tidal influence and all samples had total coliform (500 to 3,000 MPN), fecal coliform (40 to 300 MPN), and Enterococcus (40 to 230 MPN). Whereas the Main Street sample had the highest total coliform (3,000 MPN), the upstream sample had both the highest fecal coliform (300 MPN) and Enterococcus (230 MPN). Kjeidahl nitrogen was only detected at the Main Street location at a concentration of 2.5 milligrams per liter (mg/L) and dissolved oxygen ranged from 10.8 mg/L at the upstream location to 12.2 mg/L at the Main Street location. Copies of the analytical results are presented as Appendix Α.

From November 21 to 24, 2006, the affected storm drain manholes, catch basins, and 4,000 linear feet of outfall 70 storm drain piping, from Palmer Hall to Chollas Creek, were cleaned (pressure washed) by NRC Environmental Services. All water and material flushed from the storm drain were captured and properly discharged to the sanitary sewer, by inserting two large plugs at Outfall 70 and a diversion pumping system. NBSD and Commander Navy Region Southwest environmental staff opened and inspected the impacted storm

drain manholes after the cleanup was completed. Cleanup was found to meet the satisfaction of environmental staff, and the inflatable plugs at the end of Outfall 70 were removed at approximately 22:00 on November 24, 2006.

3.0 Cross-Connection Prevention and Standard Operating Procedures

The Navy uses six primary means to prevent crossconnections; 1) All new and proposed construction must be approved via a site approval process through the base Public Works Officer (PWO) to ensure all potential environmental issues are addressed at the on set of the project, 2) Technical review of contractor construction plans by NAVFAC program managers to ensure plans meet all requirements, 3) NAVFAC utility field teams conduct utility mark out prior to any construction to ensure all utility lines are clearly identified for the contractors, 4) Contractor construction quality assurance/quality control to ensure construction, 5) Illicit connection surveys are conducted to ensure no historical cross connections exist, and 6) Quarterly visual inspections of industrial storm drain outfalls looking for dry weather discharges from the outfalls.

Prints of utilities in the area proposed for construction are reviewed by both the PWO office and NAVFAC field utility teams prior to construction and field activities. Utility mark out is documented on a utility mark out form and it must be signed prior to subsurface construction activities in accordance with NAVFAC SOPs. NAVFAC program managers will review construction plans for technical and contractual completeness, including utility connections. In Navy construction contracts, contractors are responsible for implementing their own construction QA/QC and that all construction meets applicable codes and industry standards.

Three storm drain illicit connection surveys have been conducted at NAVSTA since 1995 with the latest survey conducted in 2002 (Law Crandall 2003). The illicit connection at Palmer Hall occurred after the last illicit connection survey conducted in 2002.

The procedures listed above should have prevented the cross-connection at Palmer Hall. It is not known, at this time, which of the procedures listed above was conducted in error. This is currently under investigation.

4.0 Bacteriological and Nutrient Water Quality Monitoring Plan

The goal of the bacteriological and nutrient water quality monitoring is to assess the long term impacts of the SSO on Chollas Creek and San Diego Bay. Untreated sewage adds bacteria, viruses, nitrogen, and phosphorus to receiving waters and increases biological oxygen demand (BOD) due to addition of organic matter. Anoxic conditions can occur in fresh water systems where oxygen is depleted due to excess organic material.

Outfall 70 is within a tidally-influenced portion of Chollas Creek. The creek bed, immediately downstream of Outfall 70, is typically exposed during low tide and the area upstream of Outfall 70 is affected by high tides.

To determine if any impacts to Chollas Creek still occur from the Palmer Hall SSO, the Navy proposes to assess the bacteriological and nutrient conditions of Chollas Creek by monitoring the upstream, non-tidally influenced portion of the creek (National Avenue bridge over Chollas Creek), the Outfall 70 area, and downstream (Harbor Drive bridge) creek waters for:

- Total and fecal coliform and Enterococcus (bacteriological monitoring);
- Total Kjeidahl nitrogen and BOD₅ (nutrient loading);
- Specific conductivity (sea water influence); and
- Dissolved oxygen (anoxic condition monitoring).

Two rounds of monitoring are proposed during a low tide in a spring tidal period (as opposed to a neap tide) to maximize fresh water influence on the collected Outfall 70 area water samples. During other work, underground storage tank cleanup project at the 32nd Street Gas Station along Chollas Creek, it was found that maximum groundwater flow towards Chollas Creek occurred during low tide during a spring tidal period. One sample set will be collected in January and another in February 2007.

If the coliform and BOD₅ are significantly higher in the Outfall 70 area monitoring point versus the upstream and downstream monitoring points, then the Navy will conduct additional monitoring of Navy outfalls to assess other potential sources of coliform and high BOD₅.

5.0 Clean-Up and Mitigation Plan

The affected storm drain has been hydroblasted clean. No sewer related solid debris was found in Chollas Creek to be removed. The Navy will continue trash removal efforts in Chollas Creek where the creek crosses Navy property.

Mitigation of the Palmer Hall SSO will address both sewer spill prevention measures and the protection and improvement of the beneficial uses of Chollas Creek. For sewer spill prevention, the Navy will:

- Conduct an illicit sewer cross-connection survey of all structures constructed since the 2002 crossconnection survey;
- Conduct two rounds of visual observations of nonindustrial storm water outfalls at NBSD. These surveys will be conducted during low tide, not during storm events, and during periods of active base use (week days during non holiday periods).
- Complete a process improvement analysis on the incident to pinpoint the cause of the Palmer Hall cross-connection. Conclusions of the process improvement analysis will be provided once the analysis has been completed and this information will be incorporated into the quality control process for future NAVFAC construction projects.

The continued clean-up of trash and the Navy's continued commitment to preventing SSOs into Chollas Creek and San Diego Bay as detailed above will be protective of the beneficial uses of these water resources.

APPENDIX A
Chollas Creek and Outfall 70
Analytical Results



2424 Congress Street San Diego, CA 92110-2888

License No. 703828

Phone (619) 296-6247 Fax (619) 296-0730

FAX TRANSMITTAL

DESIGN BUILD DEPARTMENT

DATE:	12/4/06
TO:	John Die
COMPANY:	Roice office
FAX NO.:	(619) 556-0717
FROM:	Ben Benpo
FAX NO.:	(619) 296-0730
Total number	of pages sent:
COMMENTS: Allocled plea	John.
	rollos Creek. One location was well Upstream of the
ixes taken do Phollas Circk.	Main Street Bridge over cholles (reck. Another Sangle was tream from the Out all 13 d. the: 37 m St. Bridge Osu The last location was just (lestreum of the Outfall. My Questions, Please let me know, ceive all pages indicated at ove, please call me at the number

EMA Log #: 0611390

EnviroMatrix



Analytical, Inc.

06 December 2006

Solick Pacific
Attn: Ben Bump
2424 Congress St

San Diego, CA 92110

Project Name: 472

Enclosed are the results of analyses for samples received by the laboratory on 11/22/06 16:44. Samples were analyzed pursuant to client request utilizing EPA or other ELAF approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon

Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763

Analytical Chem stry Laboratory

Client Name: Solick Pacific

EMA Log #: 0611390

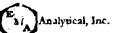
Project Name: 472

ANALYTICAL REPORT FOR SAMPLES

Sample (1)	Laborator, 1D	Matrix	Date Sampled	Date Received
Main St. Bridge	0611390 01	Water	11/22/06 15:30	11/22/06 16:44
Downstream 32nd St. Bridge	0611390 02	Water	11/22/06 15:55	11/22/06 16:44
Upstreum Quifall	0611390-03	Water	11/22/06 16:10	11/22/06 16:44

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its enthety.

– EnviroMatrix



Client Name: Soltek Pacific

Project Name: 472

EMA Log#: 0611390

Conventional Chemistry Parameters by Standard/EPA Methods

Analyse	Result	Reporting Limit	Units	Dilution	Batch	Propared	Analyzed	Method	Notes
Main St. Bridge (0611390-01) Water	Sampled: 1	1/22/06 15:30	Received:	1 /22/06 10	6:44				
Total Kjeldahl Nitrogen	2.5	0.5	mg/)	3	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	12.2	0.10	•	**	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05	•	#1	6112721	11/27/06	11/28/06	5M4500 PB, E	
Downstream 32nd St. Bridge (0611390	1-02) Water	Sampled: 11	/22/06 15:55	Received	3: 11/22/00	5 16:44			
Total Kjeldahl Nitrogen	ďИ	0.5	mg/l	i	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	11.0	0.10		•	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05		-	6112721	11/27/06	11/28/06	SM4500 PB. F.	
Upstream Outfall (0611390-03) Water	Sampled:	11/22/06 16:10	Received	11/22/06	16:44				
Total Kjeldahl Nitrogen	ND	0.5	mg/l	1	6120513	12/04/06	12/05/06	SM4500 N C	
Dissolved Oxygen	10.8	0.10	**	•	6112726	11/22/06	11/22/06	SM4500 O G	
Phosphorus, Total	ND	0.05	*		6112721	11/27/06	11/28/06	SM4500 P B. E	

The results in was report apply to the samples analyzed in accordance with the chain of custody document. This analytical report mast be reproduced in in entirety.





Client Name: Soluck Pacific

Project Name: 472

EMA Log#: 0611390

Microbiological Parameters by Standard Methods

Analyto	Result	Reporting Cimit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Main St. Bridge (0611390-01) Water	Sampled: 1	1/22/06 15:30	Received: 1	/22/06 10	6:44				
Total Coliforms	3000	200	MPN/100 ml	100	6120517	11/22/06	11/26/06	SM 9221 B, E	
Focal Coliforms	2.60	20	4	10	•	•	11/25/06	•	
Enteroroccus	40	20	•	p	6120519	•	11/26/06	SM 9230 A, B	
Downstream 32nd St. Bridge (0611390	⊢02) Water	Sampled: 11.	22/06 15:55	Receive	4: 11/22/06	16:44			
Total Coliforms	500	20	MPN/100 m	10	6120517	11/22/06	- 11/26/06	SM 9221 8, E	
Fecal Coliforms	230	20	•	**		•	11/25/06	•	
Enterococeus	40	20	•	t _e	6120519	•	11/26/06	SM 9230 A, B	
Upstream Outfall (0611390-03) Water	Sampled:	12/22/06 16:10	Received	11/22/06	16:44		_		
Total Coliforms	1100	20	MPN/100 m I	10	6120517	11/22/06	11/26/06	SM 9221 B, E	
Fecal Coliforms	300	20	p	•	-	H	11/25/06	•	
Enterococcus	230	20	-	•	6120519	**	11/26/06	SM 9230 A, B	

The results in this report apply to the samples unalyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Client Name: Soltek Pacific

EMA Log #: 0611390

Project Name: 472

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

		Dan a sala			Source		KREC		RPD	
Assiye	Result	Reporting Limit	Units	Spike Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 6112721				* ·						
Blank (6112721-BLK1)				Prepared:	11/27/06	Analyzed:	11/28/0	5	_	
Phosphorus, Total	ND	0.05	mg/l							
LCS (6112721-BS1)				Prepared:	11/27/06	Analyzed:	11/28/00	,		
Pheaphorus, Total	0.57	0.05	mg/l	0.500		114	80-120			
LCS Dup (6112721-BSD1)				Prepared:	11/27/06	Analyzed:	11/28/06	5		
Phosphorus, Total	0.58	0.05	mg/1	0.500		116	80-120	2	20	
Duplicate (6112721-DUP1)		Source: 061131	90-01	Prepared:	11/27/06	Analyzed:	11/28/06			
Phosphorus, Total	ND	0.05	mg/l	'_ '	ND			-	20	
Matrix Spike (6112721-MSI)		Source: 061139	90-01	Prepared:	11/27/06	Analyzed:	11/28/06	,		
Phosphorus, Total	ND	0.05	mg/I	0.500	ND		80-120			QM-05
Manix Spike Dup (6112721-MSD1)		Source: 061139	PD-01	Prepared:	11/27/06	Analyzed:	11/28/06	i		
Phosphorus, Total	ND	0.05	mg/l	0.500	ND	<u></u>	80-120		20	QM-05
Batch 6112726										
Duplicate (6112726-DUP1)		Source: 061139	H)-Q1	Prepared &	k Analyze	d: 11/22/00	 5			
Dissolved Oxygen	11.8	0.10	ing/l		12.2			3	20	
Batch 6120513										
Blank (6120513-BLK1)				Prepared:	2/04/06	Analyzed:	12/05/06			
Total Kjeldahl Nitrogen	ND	0.5	mg/l	·						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

-EnviroMatrix





Client Name: Soltek Pacific

EMA Log #: 0611390

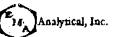
Project Name: 472

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Kesuli	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Notes
Batch 6120513										
LCS (6120513-BS1)				Prepared:	12/04/06	Analyzed:	12/05/00	<u> </u>		
Total Kjeldahl Nitrogen	3.9	0.5	mg/l	4.10		95	80-120			
LCS Dup (6120513-BSD1)				Prepared:	12/04/06	Analyzeo:	12/05/06	5		
Total Kjeldahl Nitrogen	3.9	0.5	mg/l	4.10		95	80-120	0	20	
Duplicate (6120513-DUP1)		Source: 06113	9 0 -01	Propared:	12/04/06	Analyzed:	12/05/06	i		
Yotal Kjeklahl Nitrogen	2.5	0.5	mg/l		2.5			0	20	
Matrix Spike (6120513-MS1)		Source: 06113	90-01	Prepared:	12/04/06	Analyzed:	12/05/06	;		
Total Kjelduhi Nittogen	6.5	0.5	mg/l	4.10	2.5	98	80-120			
Matrix Spike Dup (6120513-MSD1)		Source: 06113	90-01	Prepared:	12/04/06	Analyzed:	12/05/06	1		
Total Kjeldahi Nitmgen	6.1	0.5	mg/1	4.10	2.5	88	80-120	6	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety

EnviroMatrix



Client Name: Softek Pacific

Project Name: 472

KMA Log #: 0611390

Notes and Definitions

QM-05 The spike recovery was outside acceptance limits for the MS and/or l ISD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Nut Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

The results in this report apply to the samples unalyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

- EnviroMatrix







DEPARTMENT OF THE NAVY COMMANDER NAVY REGION SOUTHWEST 937 NO. HARBOR DR. SAN DIEGO, CALIFORNIA 92132-0058

IN REPLY REFER TO: 5090 Ser N45JWW.ls/0067 February 8, 2007

Executive officer (Sanitary Sewer Overflow Report)
California ogional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157

PALMER HALL SSO JANUARY 2007 CHOLLAS CREEK MONITORING RESULTS

As part of the Navy's response to Notice of Violation Order No. R9-2006-0157 and as proposed in a technical report for the sanitary sewer overflow at Palmer Hall, Naval Base San Diego the first round of Chollas Creek water quality monitoring is presented with this letter. Results of this monitoring are summarized in a table presented as Enclosures (1) and the laboratory data sheets are presented as Enclosure (2).

Water samples were collected from two intertidal locations (Harbor Drive and Outfall 70) and one upstream nontidal location (National City Avenue) within Chollas Creek, during a low tide within the Spring tidal period on January 18, 2007. The intertidal samples had total coliform values ranging from 240 to 900 Most Probable Number (MPN) per 100 milliliters (570 average), fecal coliform of 13 and 14 MPN, and Enterococcus of 8 to 130 MPN (69 average). These averages are significantly lower than the averages of the intertidal creek monitoring conducted on November 22, 2006. Since November, total coliform decreased by 963 MPN, fecal coliform by 250 MPN/100 ml, and Enterococcus by 34 MPN. These results indicate that the water quality within Chollas Creek has improved since the Navy's SSO (see Enclosure (1)).

The upstream non-tidal results of a sample collected from the National Avenue location on Chollas Creek had high total coliform (>1,600 MPN), fecal coliform (30 MPN), and Enterococcus (140 MPN). The National Avenue location is upstream of the Navy's property and wasn't influenced by the Palmer Hall sewage release. These results are higher than the intertidal results of January 18, 2007 and may be an ongoing source of coliform within the intertidal zone. One potential source of these high bacterial counts may be due to homeless encampments along Chollas Creek observed during National Avenue sampling.

5090 Ser N45JWW.ls/0067 February 8, 2007

Since November 2006, average Total Kjeldahl Nitroger (TKN) within the intertidal zone increased slightly from 1.0 \circ 2.1 milligrams per liter (mg/L) and average dissolved ox \circ n (DO) decreased from 11.3 to 6.1 mg/L. This change may b seasonal and may not indicate degradation (nitrification) of the Chollas Creek waters. The upstream National Avenue TKN was 0.8 mg/L, lower than the intertidal zone average, and DO concentrations were nearly anoxic at 1.96 mg/L. Biological Oxygen Demand (BOD) was higher upstream (311 mg/L) than the intertidal average (183 mg/L).

The second round of Chollas Creek monitoring is tentatively scheduled for low tide on February 15 or 16, 2007, during a Spring Tidal period. Samples will be collected from the same locations as on January 18, 2007. No samples will be collected if it has rained within 24 hours of the scheduled sampling time. We will contact RWQCB Staff prior to canceling sampling due to rain.

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 gather and evaluate 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,

ROBERT A. CHICHESTER

By direction

Enclosure: 1. Chollas Creek Water Analytical Results Summary.

2. Laboratory Analytical Data Sheets.

Enclosure (1) Chollas Creek Water Analytical Results Summary

Chollas Creek Water Analytical Results Summary, November 2006 to January 2007

Pownetream Upstream Monitoring Event SP15 Outfall #70 North Harbor SP15 Drive Drive Drive SP15 006 11/22/2006 11/22/2006 11/22/2006 1/18/2007 1/18/2007 1/18/2007 006 11/22/2006 11/22/2006 1/18/2007 1/18/2007 1/18/2007 007 230 103 8 130.0 ND < 0.5 1.00 2.0 2.2 NA NA NA 231 135 11.0 10.8 11.3 5.87 6.40			Intertidal .	Intertidal Zone Samples					
11/22/2006 11/22/2006 11/22/2006 1/18/2007 1/18/2007 3000 500 1100 1533 240 900 260 230 300 263 13 14 40 40 230 103 8 130.0 2.5 ND < 0.5 ND < 0.5 1.00 2.0 2.0 2.2 NA		€ 등	Downstream 32nd Street Bridge	Upstream Outfall	Monitoring Event Averages		Outfall #70 North Harbor Drive	Monitoring Event Averages	Change in intertidal zone averages since Nov 2006
500 1100 1533 240 900 900 230 300 263 13 14 14 14 130 0 103 8 130.0 ND < 0.5 1.00 2.0 2.2 ND < 0.5 1.00 2.0 2.2 NA NA NA 231 135 NA	0	11/22/2006		11/22/2006	1	1/18/2007	1/18/2007	1/18/2007	1/18/07-11/22/06
230 300 263 13 14 40 230 103 8 130.0 ND ³ < 0.5 ND < 0.5 1.00 2.0 2.2 NA NA NA 231 135 NA NA NA 230 6.40	_	3000	200	1100	1533	240	006	570	:96:
40 230 103 8 130.0 ND ³ < 0.5	لببا	260	230	380	263	13	4	13.5	-250
ND ³ < 0.5 ND < 0.5 1.00 2.0 2.2 NA NA NA 231 135 135 NA		40	40	230	<u>8</u>	8	130.0	68	-34
11.0 10.8 11.3 5.87 6.40		2.5	ND ³ < 0.5	ND < 0.5	1.00	2.0	2.2	2.1	T-
NA NA NA 11.35 5.87 6.40		NA	٧Z	¥.	A N	231	135	183	₹ Z
VI VIV VIV	-	12.2	11.0	10.8	11.3	5.87	6.40	6.1	-5.2
43700 43700	-	NA	NA	ΝΑ	ΝΑ	44300	43700	44000	Ϋ́

Upsi	Upstream Non-Intertidal Zone Samples		Difference
Constituent		Outfall#70 National Avenue	between upstream non- intertidal results and intertidal
Sampling Date		1/18/2007	averages 1/18/2007
Total Coliform (MPN¹/100ml)		> 1,600	greater than 1,030
Fecal Coliform (MPN/100ml)		30	16.5
Enterococcus (MPN/100ml)		140	71
Total Kjeldahl Nitrogen (mg/L²)		0.8	-1.3
BOD ₂₀ 3 (mg/L)		311	128
Dissolved Oxygen (mg/L)		1.96	-4.2
Specific Conductance (µmhos/cm²)		24000	-20,000

MPN/100 mf -Most Probable Number per 100 milliliters. 2mg/L - Milligrams per Liter or parts-per-million (ppm) 3ND - not detected above method detection limit. 4BOD - Biological Oxygen Demand. 5µmhos/cm - Micro-ohms per centimeter.

Enclosure (2) Laboratory Analytical Data Sheets



Date: 01-30-2007

EMAX Batch No.: 07A499C

Attn: Rob Chichester

Navy - Shew PWC NAS North Island, Bldg-M9 San Diego CA 92135

Subject: Laboratory Report
Project: Palmer Hall Sewage - MAVSTA Outfall #70

Contract #: N68711-03-D-4302

Job Order #: 1638493

Enclosed is the Laboratory report for samples received on 01/18/07. EnviroMatrix Analytical, Inc. performed the analyses. The data reported include:

Sample 1D Control # Col Date Matrix Analysis

OUTFALL #70 SR 15 A499-01 01/18/07 WATER TOTAL AND FECAL COLIFORM (MTF)

ENTEROCOCCUS
BIOCHEMICAL OXYGEN DEMAND

OXYGEN, DISSOLVED
CONDUCTIVITY

TKN

OUTFALL #70 N HARBOR DR A499-02 01/18/07 WATER TOTAL AND F

TOTAL AND FECAL COLIFORM (MTF)

ENTEROCOCCUS

BIOCHEMICAL OXYGEN DEMAND

OXYGEN, DISSOLVED CONDUCTIVITY

TKN

OUTFALL #70 NATNL AVE A499-03 01/18/07 WATER TOTAL AND FECAL COLIFORN (MTF)

ENTEROCOCCUS

BIOCHEMICAL OXYGEN DEMAND

OXYGEN, DISSOLVED CONDUCTIVITY

TKN

The results are summarized on the following pages.

Please feel free to call if you have any questions concerning these results.

Sincerely yours,

Kam Y. Pang, Ph.D. Laboratory Director





Analytical, Inc.

26 January 2007

EMAX Laboratories, Inc.

EMA Log #: 0701313

Attn: Caspar Pang 1835 205th Street Torrance, CA 90501

Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

Enclosed are the results of analyses for samples received by the laboratory on 01/18/07 16:19. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon

Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763

Analytical Chemistry Laboratory



Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log#: 0701313

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall #70 SR 15	0701313-01	Wastewater	01/18/07 15:40	01/18/07 16:19
Outfall #70 North Harbor Dr	0701313-02	Wastowater	01/18/07 15:20	01/18/07 16:19
Outfall #70 National Ave	0701313-03	Wastewater	01/18/07 15:50	01/18/07 16:19

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

-EnviroMatrix Analytical, Inc.



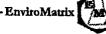
Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Outfall #70 SR 15 (0701313-01) Waste	water Samp	led: 01/18/07	15:40 Recei	ived: 01/	18/07 16:1	9			
Biochemical Oxygen Demand	231	200	mg/l	100	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	44300	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
Total Kjeldahl Nitrogen	2.0	0.5	mg/l	•	7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	5.87	0.10	я	•	7012518	01/18/07	01/18/07	SM4500 O G	
Outfall #70 North Harbor Dr (070131	3-02) Wastews	iter Sample	ed: 01/18/07 1	5:20 Re	ceived: 01	l/ 18/07 16: 1	9		
Biochemical Oxygen Demand	135	120	mg/l	60	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	43700	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
Total Kjeldahl Nitrogen	2.2	0.5	mg/l	*	7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	6.40	0.10	*		7012518	01/18/07	01/18/07	SM4500 O G	
Outfall #70 National Ave (0701313-03)	Wastewater	Sampled: 0	1/18/07 <u>15:50</u>	Receive	ed: 01/18/0	07 16:19			
Biochemical Oxygen Demand	311	20.0	mg/l	10	7012510	01/19/07	01/24/07	SM5210 B	
Specific Conductance (EC)	24000	1	umhos/cm	1	7012414	01/24/07	01/24/07	SM2510 B	
l'otal Kjeldahl Nitrogen	0.8	0.5	mg/l		7012606	01/25/07	01/25/07	SM4500 N C	
Dissolved Oxygen	1.96	0.10			7012518	01/18/07	01/18/07	SM4500 O G	

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Analytical, Inc.



Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Microbiological Parameters by Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Outfall #70 SR 15 (0701313-01) Waste	water Sampl	led: 01/18/ 0 /	7 15:40 Rece	ived: 01/	1 8/07 16:1	9			
Total Coliforms	240	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Fecal Coliforms	13	2	•		*		01/21/07	•	
Enterococcus	8	2	•	*	7012324		01/22/07	SM 9230 A, B	
Outfall #70 North Harbor Dr (070131:	3-02) Wastewa	ter Sampl	ed: 01/18/ 07 1	5:20 R	eceived: 01	l/1 8/07 16:1	9		
Total Coliforms	900	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, B	
Fecal Coliforms	14	2	•	*	•	•	01/21/07	•	
Enterococcus	130	2	•	•	7012324	*	01/22/07	SM 9230 A, B	
Outfall #70 National Ave (0701313-03)	Wastewater	Sampled: (1/18/07 15:50	Receiv	ed: 01/18/	07 16:19			
Total Coliforms	>1600	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, E	
Total Coliforms	>1600	2	MPN/100 ml	1	7012323	01/18/07	01/22/07	SM 9221 B, B	
Fecal Coliforms	30	2	•			•	01/21/07	*	
Enterococcus	140	2		Ħ	7012324		01/22/07	SM 9230 A. B	

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Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 7012414										
Duplicate (7012414-DUP1)		Source: 0701	385-01	Prepared	& Analyz	ed: 01/24/	07			
Specific Conductance (EC)	13000	1	umhos/cm		12900			0.8	20	
Reference (7012414-SRM1)				Prepared	& Analyz	ed: 01/24/	07			
Specific Conductance (EC)	294	1	umhos/cm	297	شگینی د مده	99	93-107	 -		
Batch 7012510										
Duplicate (7012510-DUP1)		Source: 0701	320-01	Prepared:	01/19/07	Analyzed	l: 01/24/0	7		
Biochemical Oxygen Demand	653	2.00	mg/l		624			5	20	
Reference (7012510-SRM1)				Prepared:	01/18/07	Analyzed	l: 01/23/0	7		
Biochemical Oxygen Demand	193	2.00	mg/l	198	THE PERSON IN	97	84-115			
Batch 7012518										
Duplicate (7012518-DUP1)		Source: 0701	313-01	Prepared a	& Analyz	ed: 01/18/0	07			
Dissolved Oxygen	5.91	0.10	mg/l		5.87			0.7	20	
Duplicate (7012518-DUP2)		Source: 0701	313-02	Prepared &	& Analyz	ed: 01/18/0	07			
Dissolved Oxygen	6.51	0.10	mg/l	······································	6.40	,		2	20	·
Duplicate (7012518-DUP3)		Source: 0701	313-03	Prepared &	& Analyz	ed: 01/18/0)7			
Dissolved Oxygen	2.01	0.10	mg/l	···	1.96			3	20	
Batch 7012606										
Blank (7012606-BLK1)				Prepared &	k Analyze	ed: 01/25/0)7			
Total Kjeldahl Nitrogen	ND	0.5	mg/l		·					

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Analytical, Inc.



Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 6701313

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	KREC	%REC Limits	RPD	RPD Limit	Notes
Batch 7012606						V				
LCS (7012606-BS1)				Prepared o	& Analyze	:d: 01/25/	'07			
Total Kjeldahl Nitrogen	4.3	0.5	mg/l	4.10		105	80-120			
LCS Dup (7012606-BSD1)				Prepared a	& Analyze	d: 01/25/	07			
Total Kjeldahl Nitrogen	4.4	0.5	mg/l	4.10		107	80-120	2	20	
Duplicate (7012606-DUP1)		Source: 070131	13-01	Prepared &	& Analyze	d: 01/25/	07			
Total Kjeldahl Nitrogen	2.0	0.5	mg/i		2.0	· · · · · · · · ·		0	20	
Matrix Spike (7012606-MS1)		Source: 070131	13-01	Prepared &	& Analyze	d: 01/25/	07			
Total Kjeldahl Nitrogen	5.6	0.5	mg/l	4.10	2.0	88	80-120			
Matrix Spike Dup (7012606-MSD1)		Source: 070131	13-01	Prepared &	& Analyze	d: 01/25/	07			
otal Kjeldahl Nitrogen	6.0	0.5	mg/l	4.10	2.0	98	80-120	7	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.





Project Name: 07A499C/Palmer Hall Sewage/NAVSTA Outfall #70

EMA Log #: 0701313

Notes and Definitions

A-04 >1600

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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-EnviroMatrix

Analytical, Inc.

Page 7 of 7

0701313

CHAIN OF CUSTODY

Ref. Document #

14.40 JAN 18707 Preservation Code / Bottle Type Requesting Testing Program TICH 301" 01 800 8210 DO 4600-0, EC 2510 No. of Bottles (310) 618-8889 ext: 128 Palmer Hall Sewage NAVSTA OUNEE F70 Caupar Pang 1638403 CNESS EMAX Method/ 80P#: Collection information Project Location: Lab Phone #: Due Dete: Job Order Number: Project Name: Activity: Lab Destination: Lab Contact: Special Instructions: 8 Address: Naval Air Station North Island, Bidg-Mg Phone/Fex Number: 619-545-8431 / 619-545-0793 Sample ID / Location Outfall #70 SRI 15 Phone/Fex Number: (819) 524-6417/ 524-6519
Recults Delivery: Emailed Faxed Picked Up Si Email Address: rob.chichester@nevy.mii Method of Shipment: Courier Fed Ex Company Name: Shaw Environmental, Inc. City / State / Zip: San Diego, CA 82135 Glent Contact: Rob Chichester Project Manager: Brant Beveridge Shaw Shaw Environmental, inc. Sample Delivery Group 07A400C

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OTH EAST 91/18/07

Outfull #70 North Harbor Dr

07A400C 07A499C

OLY BAD?

National Ave

Outfall #70

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DEPARTMENT OF THE NAVY COMMANDER NAVY REGION SOUTHWEST 937 NO. HARBOR DR. SAN DIEGO, CALIFORNIA 92132-0058

IN REPLY REFER TO: 5090 Ser N45JWW.ls/0108 March 6, 2007

Executive Officer (Sanitary Sewer Overflow Report)
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court
San Diego, CA 92123

Ladies and Gentlemen:

SUBJECT: NOTICE OF VIOLATION ORDER NO. R9-2006-0157

PALMER HALL SSO

FEBRUARY 2007 CHOLLAS CREEK MONITORING RESULTS

As part of the Navy's response to Notice of Violation Order No. R9-2006-0157 and as proposed in a technical report for the sanitary sewer overflow at Palmer Hall on Naval Base San Diego, the second round of Chollas Creek water quality monitoring is submitted as enclosures (1) and (2).

During the first round of sampling, water samples were collected from two intertidal locations (Harbor Drive and Outfall 70) and one upstream nontidal location (National City Avenue) within Chollas Creek, during a low tide within the Spring tidal period on January 18, 2007. These results were submitted to the Regional Water Quality Control Board on February 8, 2007. The second round, samples were collected on February 15, 2007 between 14:00 and 14:30 during a low tide within a Spring tidal period from the same locations as the first round

The second round intertidal samples had total coliform values ranging from 500 to 900 Most Probable Number (MPN) per 100 milliliters (700 MPN average), fecal coliform of 300 and 500 MPN (400 MPN average), and Enterococcus of 50 to 130 MPN (90 MPN average). Within the intertidal zone, all bacteria results were higher than the January results. Comparison of the November 2006 and February 2007 intertidal results show total coliform decreased by 833 MPN, fecal coliform increased by 137 MPN, and Enterococcus decreased slightly by 13 MPN.

The upstream non-tidal results of a sample collected from the National Avenue location on Chollas Creek again had high total coliform (1,600 MPN), fecal coliform (500 MPN), and Enterococcus (80 MPN). The National Avenue location is upstream of the Navy's property and wasn't influenced by the Palmer Hall sewage release.

5090 Ser N45JWW.1s/0108 March 6, 2007

Both total and fecal coliform concentrations from the upstream sampling location during January and February 2007 are higher than the intertidal results from the same time periods.

Since November 2006, average Total Kjeldahl Nitrogen (TKN) within the intertidal zone increased slightly from 1.0 to 2.4 milligrams per liter (mg/L) and average dissolved oxygen (DO) decreased from 11.3 to 6.8 mg/L. The upstream National Avenue TKN was 0.7 mg/L, lower than the intertidal zone average (3.4 mg/L), and DO concentrations were 4.74 mg/L. Biological Oxygen Demand (BOD) was not detected in any upstream or intertidal zone samples in February 2007.

Monitoring has shown coliform bacteria are persistent within the intertidal zone of Chollas Creek, indicating ongoing bacterial sources not related to the Palmer Hall SSO. For fecal coliform, water quality within the Chollas Creek intertidal zone is worse since the Navy's SSO (see Enclosure (1)). Upstream samples show high concentrations of total and fecal coliform and the upstream portion of Chollas Creek may be an ongoing source of coliform and Enterococcus within the intertidal zone of Chollas Creek. Based upon probable upstream sources causing persistent coliform bacteria in Chollas Creek, for activities resulting from the Palmer Hall SSO, we recommend no further sampling or action.

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 gather and evaluate 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If there are any questions regarding this submittal, please feel free to contact Mr. Len Sinfield at (619) 524-6307.

Sincerely,

ROBERT A. CHICHESTER

By direction

Enclosure: 1. Chollas Creek Water Analytical Results Summary

2. Laboratory Analytical Data Sheets

Enclosure (1) Chollas Creek Water Analytical Results Summary

Chollas Creek Water Analytical Results Summary, November 2006 to February 2007

			Inte	Intertidal Zone Samples	mples						
Constituent	Main Street Bridge	Main Street 32nd Street Bridge Bridge	Upstream Outfall	Monitoring Event Averages	Outfall #70 SR15	Outfall #70 North Herbor Drive	Monitoring Event Averages	Outfall #70 SR15	Outfall #70 North Harbor Drive	Monitoring Event Averages	Change in intertidal zone averages since Nov 2006
Sampling Date	11/22/2006	11/22/2006	11/22/2006	11/22/2006	1/18/2007	1/18/2007	1/18/2007	2/15/2007	2/15/2007	2/15/2007	2/15/07-11/22/06
Total Coliform (MPN1/100ml)	3000	200	100	1533	240	06	670	006	200	700	-833
Fecal Coliform (MPN/100ml)	260	230	8	263	13	14	13.5	300	200	400	137
Enterococcus (MPN/100ml)	40	40	230	103	80	130.0	69	50	130	8	.13
Total Kjeldahl Nitrogen (mg/L²)	2.5	ND ³ < 0.5	ND < 0.5	1.00	2.0	2.2	2.1	5.8	0:	3.4	2.4
BOD ₂₀ * (mg/L)	ΝA	Ϋ́	ž	¥	231	135	183	ND < 2.00	ND < 2.00	ND < 2.00	NA AN
Dissolved Oxygen (mg/L)	12.2	11.0	10.8	11.3	5.87	6.40	6.1	5.87	3.25	4.6	80,00
Specific Conductance (µmhos/cm³)	A A	AN	NA	NA NA	44300	43700	44000	40200	43800	42000	NA

	Seidmes euoz indition-internation	•	
Constituent		Outfall#70 National Avenue	Outfall#70 National Avenue
Sampling Date		1/18/2007	2/15/2007
Total Coliform (MPN1/100ml)		v 1,600	1600
Fecal Coliform (MPN/100ml)		8	202
Enterococus (MPN/100ml)		140	£
Total Kjeldahi Nitrogen (mg/L²)		9.0	0.7
BOD ₂₀ 3 (mg/L)		311	ND < 2.00
Dissolved Oxygen (mg/L)		1.96	4.74
Specific Conductance (µmhos/cm ⁵)		24000	11700

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MPN/100 ml -Most Probable Number per 100 milliliters.

²mg/L - Milligrams per Liter or parts-per-million (ppm)

³ND - not detected above method detection limit.

⁴BOD - Biological Oxygen Demand. ⁵µmhos/cm - Micro-ohms per centimeter.

upstream non-intertidal results and intertidal Difference between ND < 2.00 averages 2/15/2007 -30300 율유 -27 0.2 8

Enclosure (2)
Laboratory Analytical Data Sheets

Construction Personnel Contact List.

Navy:

Shannon Plummer, Assistant Resident Engineer in Charge of Construction (AREICC), ROICC San Diego. This person is no longer a Navy employee and does not live in the San Diego area.

LT Kevin Stiles, Assistant Resident Officer in Charge of Construction (AROICC) San Diego. This person has resigned his commission.

Steve Hassett, Supervisory/Lead General Engineer, FEAD PWD NBSD, (619) 556-0649

Naval Base San Diego Public Works Officer; (619) 556-1310

Contractor:

John Bayardo, SOLTEK Pacific Quality Control Manager (619) 296-6247.

Dave Shaposhnick, DSI (Plumbing subcontractor)

Cleanup and abatement discussion.

Q: The December 28, 2006 Navy response discussed a cleanup and mitigation plan as requested. In the July 30, 2007 revised investigative order the SD RWQCB is requesting a cleanup plan to contain specific element of an on-site cleanup and/or a plan to abate/restore the short and long term effects from the type of constituents associated with the discharge of 14.2 million gallons (*estimated*) of raw sewage to Chollas Creek and San Diego Bay.

A: Short Term Plan:

.

The Navy's short term clean up plan was to clean and remove the liquids and solids from the affected storm drain manholes, catch basins, and the 4000 linear feet of storm drain piping, from Palmer Hall to the Chollas Creek. That task was completed and SD RWQCB Staff, Ms. M. Valdovinos, was notified via e-mail on 25 November 2006 by Mr. Brian Gordon, CNRSW Environmental (e-mail attached).

A: Long Term Plan:

The Navy's long term plan to abate/restore the effects from the discharge of raw sewage is based on the following:

- 1. Sample results conducted on 22 November 2006, 18 January 2007, and 15 February 2007 show fecal coliform results at the outfall and downstream of the outfall are lower than measured upstream levels. (refer to sampling table submitted).
- 2. Because of the length of the cross-connected storm drain pipe, approximately 4,000 ft, and the fact that the storm drain line had a significant dip in it, solids from the sewer discharge settled within the storm drain line with the liquid portion discharged. These solids were removed during the storm drain cleaning. During initial spill investigation no sewage related solid materials, such as toilet paper, feminine products, etc. were found in or in the vicinity of outfall 70 at Chollas Creek. Therefore, there wasn't any Palmer Hall sewer cross connection solids to be removed from Chollas Creek.

A total maximum daily load (TMDL) is being developed for bacteria in the Chollas Creek watershed. Based on the sample results discussed above, it is the Navy's position that working with Chollas Creek stakeholders on the Chollas Creek bacteria TMDL program is the most effective long term bacteria related abatement plan. The Navy also plans to continue participating in the adopt a creek program for Chollas Creek and it's watershed along with it's partnership with the City of San Diego for trash removal at the mouth of Chollas and Paleta creek. It is our opinion that these are the most beneficial long term related abatement plans for Chollas Creek.

Construction Personnel Contact List.

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e . . *

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LT Kevin Stiles, Assistant Resident Officer in Charge of Construction (AROICC) San Diego. This person has resigned his commission.

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Naval Base San Diego Public Works Officer; (619) 556-1310

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Base IC/ID inspection results and IC/ID report on facilities constructed after 2002.

Chichester, Rob A CIV ASWTC San Diego, N45

To: Subject: Chichester, Rob A CIV ASWTC San Diego, N45 RE: One Time Look At All Stormwater Outfalls

From: Kennedy, Peter A CIV

Sent: Monday, November 20, 2006 14:46

To: Chichester, Rob A CIV

Subject: FW: One Time Look At All Stormwater Outfalls

Monday: November 20, 2006 14:31 >From: >To: Kennedy, Peter A CIV >Cc: Gordon, Brian S CIV; Stager, Daryel N CIV; Williamson, Frank D CIV RE: One Time Look At All Stormwater Outfalls >Pete: Your Manager of the Peter of the Pete >All industrial outfalls have been looked at in October with nothing unusual discharging from any of these outfalls. Also, my water guys started looking at all of the non industrial outfalls after I spoke with you and just completed their observations. Two outfalls on the north side of Harbor Drive across from Gate 2 have discharges. In speaking with MACTEC these two outfalls discharge ground water There are several over by the athletic complex that we can not observe because all are covered by vegetation. >Vr/mark Kennedy, Peter A CIV >From: Monday, November 20, 2006 9:42 >To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department >Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW RE: One Time Look At All Stormwater Outfalls >Subject: >Mark - We should investigate all outfalls with discharge. This means >contacting Public Works and having them chase down what is coming out >of the stormwater outfall. I realize that in most cases it will be >irrigation, but we need to follow through. If a boat is required, >please let me know how many outfalls we are talking about. We might be >able to work with Port Ops. - Pete >From: Edson, Mark A CDR >Sent: Monday, November 20, 2006 9:38 >To: Kennedy, Peter A CIV; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department >Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW >Subject: RE: One Time Look At All Stormwater Outfalls

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>Pete:
>Are we to report/record all outfalls with discharge? Many of the discharges
may be related to irrigation or filtration into the storm drain system. I've
got to check but some of our outfalls may only be visible by boat...along the
quay wall.
>Vr/mark
>From:
            Kennedy, Peter A CIV
            Monday, November 20, 2006 9:29
>To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager,
Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV
>Subject:
            One Time Look At All Stormwater Outfalls
>All - As most of you know, there was a large sewage spill detected at NBSD on
Friday. It was from a non-industrial stormwater outfall. NBSD has a quarterly
inspection of all industrial outfalls, but since this was non-industrial it
was undetected. I would like all stormwater outfalls on S.D. Bay to be
inspected this week at NBSD, NAB Coronado, NASNI and NBPL.
>I realize this is a lot of extra work, please let me know if it cannot be
done, why it cannot be done, and if not able this week then when you could get
this done.
>The weather is good this week, so in theory all stormwater outfalls
>should be dry. If it is wet, please note and report. I understand it
>could be just runoff from irrigation, but we need to take a hard look
>at what is potentially going into the bay. Thank-you. - Pete
>Peter Kennedy
>CNRSW Environmental Program Manager
>(619) 524-6302
>Fax (619) 524-6349
>Provide comments for Environmental Services at:
><https://ice.disa.mil/index.cfm?fa=card&site id=720&service provider id
>=100360>
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Map identifying the locations of all sample points including the location of the release to Chollas Creek (Outfall 70).

Encl (13)

LARGE SCALE MAP ATTACHED

Copies of construction project QA/QC reports'

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ENCLOSURE (4)

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Ŀ	1-330	JR Construction operate tower crane		ils to panels, wall o	columns, extend wall	panels, strip blo	ockouts and chip	and pat	tch walls
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		I certify that this report is complete and correct and work performed during this reporting pe		5					
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wallipanels@pour.watchaclos	se up walls panels 🤼		维化物人	(18 S		A 180	Carpe	nter 🔭 📜	776
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		. Name and the same	WEST CONST	al Dio Nessensia	1	Street, and	****	Labo		Carrier Control
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WAS A JOB SAFETY	MEETING HELD THIS	DATE?	YES	X ⊈ NO						
(If YES, attach	copy of meeting minutes)		lveo F		TOTAL V	VORK H	OURS OF	N JOB SIT	TE THIS DATE	373
	T TIME ACCIDENTS THIS environmental OSHA r		Z TEO	X NO					RK HOURS	
WAS TRENCHING/SCAFFOLD/HV	ELECTRICAL/HIGH WORK	DONE?	YES [X NO	FROM	PREVI	OUS RE	PORT		21474.75
(If YES, attach statement or checklist	= :									
WAS HAZARDOUS MATERIAL/WASTE REI If YES, attach description of i			YES [X ₹ NO	CONST			I STAR	FOF	21847.75
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EQUIPMENT/MATERIAL RECE	AVED TODAY TO BE INCO	NO DO DA	TED IN IOR						HAVE BE	EN MET
252cy mix #335006 for walls CONSTRUCTION AND PLANT	s, 4.5cy mix #335006 fo	r colum	ns,	BER OF HOUR	S USED	TODAY				<u> </u>
COMMENTS						S			L	and the second
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-			Keith Moss SUPERINTENI	DENT	f/s	4			DATE	
<u> </u>			- 5. 2		Carried Control	75				
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					ETS IF NECESSAF						REPOR	RT		96	
PHASE	CONTRACT N	40	N68711-02-D-8013		CONTRACT TITLE	E P-254 Bach	elor Enliste	d Quarter	rs / 32 nd Str	eet Na		on, San I	Diego,	, CA	
	WAS PREPA	RATO	ORY PHASE WORK PERFORMED	TODAY?			YES		ио [<u> </u>					
Ř	1		AND ATTACH SUPPLEMENTAL PR		PHASE CHECKLIS	ST.		_							•
PREPARATORY	Schedule	e	Definable Feature of Work					******						inde	
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. 1]		WITH SAFETY REQUIREMENTS?		WE 7 1					YES !		NO	_		
1	Schedule	,]	Description of Work, Testing Perfor	ormed & By Whor	m. Definable Feat.	ure of Work, Spec	ification			1	<u></u>	· ·			
i '	Activity No.) .	Section, Location and List of Perso	onnel Present											
1	1-347	1	Neal Electric pre plan low voltage r												
7	1-330		G Force inspected reinforced conci												
FOLLOW-UP	S0114		DSI layout template from mock up,	, backfill open ex	cavations										
ō	1-330	l	PCS prefabricate and set walls					- inat			***				
Z.	1-330		JR Construction operate tower crar	ne, close up waii	panels, pour colur	nns, plumb and ii	ne walls, pr	refabricau	e wall pane	els, pou	ır watcı,	, pour wa	alls, cre	ean up.	
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Sched	lule Descri]	Schedule	Description		11 11 1	Paul .	//www	Remain,	*		
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equipment	t and material use	sed and	rtify that this report is complete and con d work performed during this reporting i	period is in	()	7	~			\		~	. ~		2
	ce with the contra noted in this repo		awings and specifications to the best of r	my knowledge	Ã	THORIZED OC	MANAGER	AT SITE				٢	<u>· ر</u>) 1 . O	rE
		_	GOVERNMENT QUALIT	TY ASSURA	(_))			ATE	—					
QUALITY /	ASSURANCE F	REPR	ESENTATIVE'S REMARKS AND/O				···								
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CO	NTRACTORS PRO (ATTACH ADDITIONAL S		Date:	· / 06/	26/03=000	
Contract No.		Title and Location		Report No.	1.44	101
N68711-02-D-8013 DO #001	ļ	P-254 BEQ, Naval Station San Die	20	{		
Subcontractor		Superintendents		 		
Soltek Pacific		Paul Cates, Keith Moss		1		
AM Weather	PM Weather	Max Temp	*F	Mi	in Temp	*F
		1		1		
clear	clear	WORK PERFORMED TO	75 DAY		70	
WORK PERFORM	MED TODAY	EMPLOYER	NO.	TRA	DE	HOURS
upervision		SOLTEK	1	Safety (Officer	8
			1	Superinte		23
re-plan foreman's meeting	sinhsite coordination	NEAL ELECTRIC	1	CQ	o yman(∷	8
th J.R			and the second property of the second property of		ician -	
			a sa de de la compa	- Appre		1288 P 15 2 12
		SOLTEK F.O.	3	Journe		
				Labor Apprei	2.2.00.1	}
reman's meeting went ov	ershaft openings	PAREST CONTROL OF THE		2-2-150 Foren		10.0
th Paul Cates, installed ek	ectrical power to job tra	ilera (se e un se se se com		Apprei		
		RBFIENGINEERING	9 (ESP 19 A)	Party C		
inforced concrete inspection		CHORGE L		Chaini * * Project E		
		CHOUSE C		Filled L		
cavate and install site sev		DSI PLUMBING	1	Foren		8
1 line, sleeve North wing v	valls		3	Plum		24
		<u></u>	1 1	Opera		8
An artist of the standing first stand		SUPIERIOR/ROOFING	7. (*	Apprer Roof		
	An all the deliver \$ 25, 50 of the automorphism to the paragraph of the automorphism o			Opera		
erab West wing walls, set	West wing walls	PCS	1	Foren	<u> </u>	8
			5	Journey Apprer		40
ose up wall panels (East),	operate crane) 200	JUR CONSTRUCTION :		Superinte	+ 1 A + 1 + 1	48 - 8" •
		CONTROL TO THE	10			126.5
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		Property And Parks	64 64 54 54 54 64 64 64 64 64 64 64 64 64 64 64 64 64	Cement Apprer	A TO LONG AND ADDRESS ON A MANAGEMENT AND THE PARTY.	× 37!5
		BURCH	3	Drywa		
			1	Labor		
CONTRACTOR		WESTERO/ASSIGIRON	Z K.K. SKI	Journey	mants et	71/24 (£3.1)
IWAS A JOB SAFETY	MEETING HELD THIS D	DATE? YES I X NO	al today	Apprer	tice.	and made
(If YES, attach	copy of meeting minutes)	DATE: TES EXAMINO	TOTAL WORK H	OURS ON JOB SIT	E THIS DATE	414.5
WERE THERE ANY LOS	T TIME ACCIDENTS THIS I					14-12-9-17
WERE THERE ANY LOS	environmental OSHA re	eport)	1	TOTAL OF WO	RK HOURS	
	ELECTRICAL ARCHIMODY	DONES WEST VES	FROM PREVI	OUS REPORT		21060.25
AS TRENCHING/SCAFFOLD/HV YES, attach statement or checklist:						
AS HAZARDOUS MATERIAL/WASTE REL	•		TOTAL HOUR	S FROM START	OF	1.50
YES, attach description of in			CONSTRUCT	ION		21474:75
ST SAFETY ACTIONS TAKEN	TODAY/SAFETY INSPEC	CTIONS CONDUCTED	i	YES		QUIREMENTS
QUIPMENT/MATERIAL RECEI	VED TODAY TO BE INCC	DRPORATED IN JOB		<u> </u>	HAVE BE	EEN MET
		and zones, bath tubs and shower	valves _			
ONSTRUCTION AND PLANT I	QUIPMENT ON JOB SIT	E TODAY. INCLUDE NUMBER OF HO	OURS USED TODAY	· · · · · · · · · · · · · · · · · · ·		
OMMENTE					mar i graprama granti 's	
OMMENTS						
		Keith Moss				an tare of Section 18
		SUPERINTENDENT	1/4-		DATE	
						
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						Aller (

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CON	CONTRACTORS PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)							[Agg.: 5 0]6/2	25/03
Contract No.	,		nd Location				Report N	o. 🏰 🐉 🐴	00: 75
N68711-02-D-8013 DO #001		P-254 F	BEQ, Naval Sta	tion San Diego			į	•	
Subcontractor			ntendents						
			ates, Keith Mo)68			1		
Soltek Pacific	PM Weather	raul C		Temp		*F	' 	Min Temp	*F
AM Weather			IVIAX	•		•	(·	•
clear	clear		WORK 2===	75				70	
WORK PERFORMI	ED TODAY	WORK PERFORMED TODAY EMPLOYER				5.	Ţ 	RADE	HOURS
Supervision VORK PERFORMI	_D TODAT		SOLTE		<u> </u>		Safe	ety Officer	8
								rintendents	22.5
	Secondard Consultation	Correspond	NEAL ELEC	Service Sign	7.00 Kod#6.1	57845.5 4.5		CQC meyman	8 -(45, 8 ;
wall rough in (Nawing), jobsite temp power			NEAL FOLK	SING.	60 4 1 1			chnician	
	28 C 20 C 34 C	72.5			43.88			prentice 💮 🐫 🖟	. 25 (25)
		SOLTEK	F.O.	3			rneyman		
	 _	<u> </u>		,	1	'		prentice	
		. .	PERULIANTI	ller.	1.350	44 g	CAT. 19E	oreman * se 3 * 8	ria di Lina
er te vera di di 1900, 19		建安设	4 N W 12 2 2 1 1 1	(478)	150.00	SK/A	4 . * * *Ap	prentice ***	\$60 P.
			RBF ENGINE	ERING	4:4:4	2.7.7		rty Chief 💉 🗀 iainman	
inspection reinforced steel			G-FOR(15.00	16.00 (P)		tengineen 🗱	Pro Property
	pperson and second		1465 AT#36	7. 5 2 5 6 CAN	C 76, 11	1477	es, solle	chnician 😋 😂 🤾	8
Excavate and install site sewe	er 12-1 line		DSI PLUM	BING	1 3			oreman lumber	8 24
<u></u>					1	<u>'</u>		perator	8
· · · · · · · · · · · · · · · · · · ·					1		Ap	prentice	ļ
	Part State Control	S S	UPIERIOR R	OOFING	: 4	O		Roofer :	
prefab West wing walls, set V	Vest wing walls	sk. 530	PCS		1		- C - C - C - C - C - C - C - C - C - C	perator.	9
finish up elev area walls	- Ser mais manol				5	,		rneyman	44
					5	/5434	767	prentice	44
walls layout embeds install east and west clear rebar ins			JR CONSTRU	UNION	The second of	0	Salveria Tarette and and the Philadelphia	rintendent 4.5.2.4. irpenter #3.5.5.4	8
clean jobsite; operate crane	AND STREET, ST	8.12			77.42	- N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		aborer 83 242	22
		£7723.	Constitution of	4 ,779,47,477	20,440.2	1.00		perator 💸 🎉 🔻 🤻	* × 19/5/6° ;
The state of the s			<u> </u>	r de la Company	Ger and C		with any party concuration and with view	ent Mason : * ** prentice : * *	** 33
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					1		L	aborer	
		323 16	WEST	TURON				meyman 🗱 👢	\$ \$ 125 J. N
WAS A JOB SAFETY N				X NO	areas n		****Ap	prentice strains	
(If YES, attach of	copy of meeting minutes)				TOTAL V	VORK H	OURS ON JO	B SITE THIS DATE	386
WERE THERE ANY LOST			YES	X NO	CL III II	ATI /-	TOTAL OF	MORK HOUSE	
ි ග් If YES, attach copy of e	environmental OSHA r	eport)					OUS REPOR	Work Hours	20674.25
WAS TRENCHING/SCAFFOLD/HV E	LECTRICAL/HIGH WORK	DONE?	YES	ZX NO		· · · · · · · · ·	000 1121 01	``	
(If YES, attach statement or checklist sh									
was hazardous material/waste rele If YES, attach description of in-			YES	<u>x</u> €NO	TOTAL CONST		S FROM ST	ART OF	21060.25
LIST SAFETY ACTIONS TAKEN			CONDUCTED		CONST	1007		SAFETY REC	
							YES	HAVE BE	
EQUIPMENT/MATERIAL RECEIV 1 unit 2x4, wall panels for ele-									
CONSTRUCTION AND PLANT E				MBER OF HOUR	S USED	TODAY			·
COMMENTS:		7.7							
		a _{ri} mne	Keith Moss		//	[- ラジ		
			SUPERINTEN	NDENT /	7		\leftarrow	DATE	
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				(-				



		CONTRACTOR (QUALITY CONTR	OL REPO	ORT		DATE		06-25-03
•			ADDITIONAL SHEETS IF NECESSA				REPORT NO		94
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TITL	E P-254 Bachr	elor Enlisted Quarter	rs / 32 nd Street	Naval Station, 5	San Diego, /	CA
	WAS PREPARAT	TORY PHASE WORK PERFORMED	:D TODAY?		YES 🔲	ио ⊠			
ξ	IF YES, FILL OUT	T AND ATTACH SUPPLEMENTAL P	PREPARATORY PHASE CHECKLI	ST					
PREPARATORY	Schedule Activity No.	Definable Feature of Work							Index#
	ACUVILY INC.	 							· · · · · · · · · · · · · · · · · · ·
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<u> </u>		<u> </u>							
	WAS INITIAL PHI	ASE WORK PREFORMED TODAY?	?		YES 🔲	ио ⊠	· 		
		FAND ATTACH SUPPLEMENTAL IN							
ا بِـ	Schedule	Definable Feature of Work							Index#
INITIAL	Activity No.								
Z	 								
	 	 							
	WORK COMPLIE	S WITH CONTRACT AS APPROVE	ED DURING INITIAL PHASE?			YES	s 🔯 🗈	NO []	
	I .	S WITH SAFETY REQUIREMENTS:					_	NO []	
!	Schedule	Description of Work, Testing Perfo	formed & By Whom, Definable Featu	ure of Work, Spec	ification	 	<u></u>	<u>~</u>	
	Activity No.	Section, Location and List of Perso	sonnel Present				·	· <u></u>	
·	1-347	Neal Electric rough in walls. Jobsi							
<u>م</u>	1-330	G Force inspected reinforced cond							
₹ !	S0114	DSI excavate and install site sewe							
FOLLOW-UP	1-330	PCS prefabricate and set walls, fin		-1-11					
7	1-330	JR Construction layout, operate to	ower crane, project clean up, install	block outs, install	inside wall paners				
E I									
									
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oework	TEMS IDENTIFIES	D TODAY (NOT CORRECTED BY CL	OSE OF BUSINESS)	DEWORK ITEMS	CORRECTED TODA	AY (FROM RE)	MARK ITEMS L	ופח	
Sched	tule Decoription		LOGE OF BOURIEGO,	Schedule	Description	M. H. Obertson	NORKHEIME	151)	
Activity	No.	n		Activity No.	L/Courpoon				
									
					 				
OFMARK!	O /Alea Evalain An	- E-0 Un Dhase Checklist Item F	* Ahaia That Was Answered "N	On Manuf Rep O	in Citin ato				
REMARKS Sched	lula I	y Follow-Up Phase Checklist Item Fr	/OM Above mat was Angresian	J'), Maliui, isop c.	n-Site, etc.				
Activity		<u>a</u>			- 				
									
			<u> </u>						
									
equipment	it and material used ar	certify that this report is complete and cor- and work performed during this reporting	g period is in	3			_	$\overline{}$	~ 2
complianc	ce with the contract di noted in this report.	frawings and specifications to the best of	f my knowledge	THORIZED QC I	MANAGER AT SITE			01.	O 1. O 3
EXV-p	AOIOU III uiw say	CONTRACTOR OF THE	ITY ASSURANCE REPORT			ATE			W7 1. 2
OUALITY /	ASSI IRANCE REP	RESENTATIVE'S REMARKS AND/O				41E			
Sched	lule Description		TREADER HORTE						
Activity	No.								<u> </u>
									
									
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				Main	LANA MULK	2110		K	1111503
			7	SOVERNMENT QU	JALITY ASSURANCE	E MANAGER			DATE
,				1 /					



CONTRACTORS PE (ATTACH ADDITIONAL			Date:		06/2	4/03		
Contract No.	т	nd Location		 -	Repo	rt No. 등 설명	. 19	92-1
N68711-02-D-8013 DO #001	P-254 I	BEQ, Naval Station San Diego					•	
Subcontractor		intendents						
Soltek Pacific	Paul C	ates, Keith Moss						
AM Weather PM Weather		Max Temp	_	*F		Min Tem)	*F
clear clear		75					70	
	1	WORK PERFORMED TODA	Y	-				
WORK PERFORMED TODAY		EMPLOYER	N	Ο.		TRADE		HOURS
Supervision	 	SOLTEK	-,	<u> </u>	ļ	Safety Officer		8 23.5
	 -		ļ	<u> </u>	 	Superintendents CQC	•	9.5
Window and door rough in walls, coordination	(125±113)	NEAL ELECTRIC	C7211411		Taura.	Journeyman	7.0 388	1
for exterior lighting with Ron. Removed and re-			117.00	15.7.3	0.50	Technician	41.63	Marwilli.
located con lights in mock-up, pre-plan	24.22		47,2415	29 1: 00: 124 (C N 24 (C.) X	76.	*Apprentice		FEATE I
	╀	SOLTEK F.O.		3		Journeyman		
	 		 -	<u> </u>	<u> </u>	Laborers Apprentice		
	(P 2 1 1 1	TERREALISTER	26.25			≇ Foreman∈ y		
TO A STATE OF THE SECOND SECOND		7 . 1' '/'	74.00	4942.	**************************************	*Apprentice		46.00
	***********	RBF ENGINEERING	F-00' 5'	743	ALTONOO 100 100 100 100 100 100 100 100 100 1	Party Chief	M. p.C.	3.74
	7.4					Chainman roject Enginee	· /	
	4	- G-FORGE			Contraction (Section)	iojeca i iginee aTechnician⊛		7.23.2465
Excavate and install site sewer 12-1 line	1	DSI PLUMBING				Foreman		8
			2			Plumber		16
	<u> </u>		1			Operator		8
	le arcock	UPIERIOR ROOFING	THE PROPERTY.	7, 414,7	Statistical	Apprentice Roofer	ar ethelig	<u>क्षेत्र मृहित्सर सम्बद्धाः</u>
					and a second state	···Operator:	n o jakis Provincijan	As designed to the second seco
sta ເວ prefab West wing walls, continue to	M W Marine Com	PCS	1		C econor ye remede	Foreman	A 25 A 4	8
bottom up east wings walls, job site clean up			7			Journeyman		52
walls layout embeds install inside wall panels	200 9000	DICANOTORICHANIA	E		Marin Salah Salah	Apprentice Superintendent	and the second	48
east and west clear rebarainstall blockouts ((=) > >	and the second	SWGG CONTROLLIG		A21 (34-94-94 H 7 Co-	***************************************	Carpenters	Wall Mary Later Company	100.5
clean jobsite, operate crane 🗸 🗚 🗸 🗸	240.37	# A - 1 - 907 481 15	186 ¥ 2	The Contract of the Con-	310,000,000,000,000	and aborer.		4. 16 €
			* #	1.45.	C-0-10-10-10-10-10-10-10-10-10-10-10-10-1	Operator 4	22. 30. 20. Sarawa	1/2
		on a section	9 (42)	7.7	No. Company of the Party of the	ement Mason		t in the
The state of the s		BURCH	3	Company of the Compan	S. 74 %		*/***	% 36 ₹
		DOTON	1			Laborer		
Control of the second control of the second	* B.A	WEST COAST IRON	CPU.	10.0	/ Y 36			# 3 W .
			*	276	£02.0	RAφprentice *	11.77.5	
WAS A JOB SAFETY MEETING HELD THIS	DATE?	YES X NO	TOTAL I		011000	N IOD OITE THE		366.5
(If YES, attach copy of meeting minutes) WERE THERE ANY LOST TIME ACCIDENTS THIS If YES, attach copy of environmental OSHA	DATE2	YES X NO	TOTAL V	YURK H	OURSO	N JOB SITE THIS	DATE	_{2,4} < 300.0
If YES, attach copy of environmental OSHA			CUMUL	ATIVE	TOTAL	OF WORK HO	DURS	
			FROM	PREVI	OUS RE	PORT	l	20307.75
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK	L	YES X NO			_			
(If YES, attach statement or checklist showing inspection performed WAS HAZARDOUS MATERIALWASTE RELEASED INTO THE ENVIRONMEN	•	YES X NO	TOTAL	HOLID	S EDO	M START OF		en e
If YES, attach description of incident and proposed a	L		CONST		-	WISTARTO	1	20674.25
LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPE				100		SAFE	Y REQ	UIREMENTS
					YE	. Э Н.	AVE BE	EN MET
EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCI	ORPORA	FED IN JOB						
zone's West wing CONSTRUCTION AND PLANT EQUIPMENT ON JOB SIT	E TODAY	/. INCLUDE NUMBER OF HOUR	SUSED	TODAY				
DELICATION AND POSITION EQUI MENT ON VOD OIL	JUA		_ 5520					
COMMENTS	. 7			ومرسن			3	
			أنحرو			シル		
	_	Keith Moss SUPERINTENDENT		#			DATE	
		J.		3				

enclosure(_)

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

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О	г.	M	90	114	No.	etino	T.L
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Date Start End Next: Meeting Next Time Prepared By Company

6/24/2003 09:00 AM 09:30 AM 7/1/2003

09:00 AM Diane Rose

Soltek Pacific

Purpose Location Next Location General Notes

Weekly QC Meeting

Soltek Trailer

Soltek Trailer

Attended By Non-Attendees

Soltek Pacific - John Bayardo

Soltek Pacific - Ben Bump

Soltek Pacific - Keith Moss

Soltek Pacific - Paul Cates

Soltek Pacific - S. Cody

ROICC San Diego - Shannon Plummer

Item Meeting Item Description Resp Status Due Date Compl'd Cls'd

Old Business

Plumbing

010-001... The potable water test results have been given to the Government. The following strategy has been

recommended. DSI Plumbing has been asked to close the north water supply valve and open the south valve. This will allow the water within the pipe system south of the valve to cycle through the system. Within several business days DSI will rechlorinate, repurge and retest the entire 10" loop system onsite. The gas line west of the mechanical building still needs to be compacted and tested. The second "wet" sewer pipe tests are on going. The welding of preinsulated water piping is being

David Shaposhnick On-going ...

...Nc

No

monitored.

Concrete Foundation and Slab

010-002

Concrete mix deign #315092 is not useable as approved due to the reduction in water per Hamid Liaghat. With the amount of reinforcing steel throughout the structure JR feels they will not be able to achieve proper flow of the material. A meeting will be scheduled this week between JR Construction, Vulcan Aggregates, Hamid Liaghat and Soltek Pacific. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched. The RFP calls out in section B1000 to refer to the A - E Guide dated January of 2000 regarding additional structural design criteria. Within section 6.8.8.1 (b) it states that concrete slabs on ground shall have construction, control or expansion joints at maximum spacing of 25 feet in each direction. Any approval for deviations must be obtained from code

04CN.EH at Southwest Division. Hamid Liaghat is being

Hamid On-going

Prolog Manager

Printed on: 6/24/2003

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ENCLOSURE 1.

Page 1 of 4

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description & Status Due Date Complid Cisid

Old Business

asked for his interpretation on the matter.

Reinforced Steel

010-003

An epoxy / rebar detail has been issued by Hamid Liaghat and implemented by JR Construction and PCS for the walls of the elevator pit areas. Continuous inspections are ongoing for all rebar work.

JR Concrete. Pacific Coast Steel Yes

Electrical

010-004

Continuous inspections are ongoing for all electrical work.

Neal Electric

On-going

Nο

Item Meeting Item Description

New Business

Plumbing

011-001

DSI Plumbing continues to flush water through the south David Shaposhnick 10" main valve where the contamination was noted. Within two days the entire system will be rechlorinated, repurged and retested. The gas line west of the mechanical building still needs to be compacted and tested. The second series of "wet" sewer pipe tests are complete for the first floor. All testing has passed. Several broken sewer lines were located, repaired and retested. The welding of preinsulated water piping is being monitored as it occurs.

No

> move to rework items

Concrete Foundation and Slab

011-002

Currently Vulcan aggregates is researching and developing a new 5000 psi wall mix that will contain the amount of water, plasticizer, and 3/8" rock suitable to eliminate every ones concern on flow and separation. A submittal should be ready for Hamid Liaghat's review later this week. Concerning RFP Section B1000 that refers to the A and E Guide Section 6.8.8.1 (b) on control or expansion joints Hamid Liaghat has approved three saw cuts within the West wing. To date it seems to have assisted in reducing the amount of cracks within the West wing in comparison to the East wing. Some time has been spent verifying the East and West wing areas for compliance with Section 03300 Subsection 3.8.1.2 concerning a surface level within 1/4 inch in 10 feet. Approximately 18 areas in the East wing and 27 areas in the West wing have been identified as out of specification tolerances. The inspection sheets have been given to the Superintendents.

Vulcan

No

Reinforced Steel

011-003

Hamid Liaghat walked the project on 06-20-03 and created a list of corrections. The following is the detailed

- Locate the 4 horizontal rebar under the windows at 1) the proper location per the structural drawings.
- Where the vertical rebar is not at the corner of ties add a vertical #5.
- Ties spacing at a few locations were spaced more than specified on drawing.
- Clearance of horizontal reinforcement for bathroom opening in shear wall should not exceed 2 inches. Vertical reinforcement next to window opening were

Pacific Coast Steel

No

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Status Due Date Compl'd Cis'd

New Business

spaced as much as 5 inches. Either fix or add #6 rebar. Door to fire pump room next to grid line V-20 and V-14 add one horizontal #8 3 inches above door frame block out and add #4 verticals on 12 inch centers. Also Add horizontal #4 rebar on 12 inch centers above the door frame block out with 2 additional horizontal #8 rebar within the same area. G Force and Soltek Pacific are monitoring the progress of the work.

Safety Issues

011-004

1.) Fall protection at 6' or greater, NO exceptions! 2.) Fire extinguishers present with all torch work.

All Subcontractors

No

3.) Housekeeping.

4.) Weekly safety meeting logs to Cody.

5.) Qualified operators only on equipment.

Safety Record

011-005

1.) Report all injuries, accidents and hazardous conditions to Cody (619) 855-

FYI

No

0128, immediately.

2.) No injuries or accidents reported last week.

3.) Approximately 90 days and 14,500 man-hours so far without lost time due to injury.

Production Report

011-006

Mechanical Building

FYI

No

Neal Electric- Panels & gear in electrical room.

2. Soltek Pacific- no activity.

Boilers were pour being moved in well to heard from 3. DSI- Will install insulated pipe 6/30/03. Boilers were scheduled for delivery on 6/13/03, have not heard from manufacturer.

4. Superior Roofing- Needs to install one 2"flashing.

5. West Coast Sheet Metal- Complete.

BEQ

- 1. JR Concrete- Poured SOG (North wing) 6/20/03. Setting wall panels (East wing), will pour on 6/27/03 or 6/28/03. Setting panels (North wing), will pour 6/8/03. East wing 2nd floor is scheduled for 6/7/03.
- 2. Neal-Installing conduit and light boxes in walls (East wing). Will start canning when deck is formed.
- 3. DSI- No activity. Will start canning when deck is formed on East wing.
- 4. Soltek Pacific- no activity
- 5. PCS- wall steel and columns East wing and North 1300UN
- 6. RJL- Will receive and set HVAC pump package. Will start canning when deck is formed.

Site

1. DSI- Water main at Norman Scott needs to be pressure tested. Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on South side of North wing. Needs to complete backfilling and relocation of spoils

2. Neal- No activity.

and NE corner

3. Miranda- will start landscape repair west of Snyder Hall 6/26/03 or 6/27/03. Had a meeting with new PM on 6/20/03 and discussed scope of work.

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Printed on: 6/24/2003

Job 472

Page 3 of 4

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

llem Meeting tem Description Resp. Status Due Pater (Complete Gisk)

New Business

4. Asphalt Patching-Scheduling. - Coordinate parking lot closure & Norman Scott interference

Get Company/Name	ContactiName	Coples Notes
Soltek Pacific	John Bayardo	1
Soltek Pacific	Ben Bump	1
Soltek Pacific	Keith Moss	1
Soltek Pacific	Paul Cates	1
Soltek Pacific	S. Cody	1
ROICC San Diego	Shannon Plummer	1

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

Prolog Manager

Printed on: 6/24/2003

Job 472

		CONTRACTOR	QUALITY	CONTRO	L REP	ORT		DATE		06-24-03
				TS IF NECESSARY				REPORT NO		93
PHASE	CONTRACT NO	N68711-02-D-8013		CONTRACT TITLE	P-254 Bache	elor Enlisted Quarter	s / 32 rd Street Na	eval Station, San	Diego,	CA
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H	S0114	G Force inspected reinforced co DSI excavate and install site sev								
<u>`</u> ≥	1-330	PCS prefabricate and set walls,								
FOLLOW-UP	1-330	JR Construction layout, prefab v		ower crane, project of	lean up, install	block outs, install in	side wall panels	, clear rebar		
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Subcontractor			ntendents	and Sulphogo	 						
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(If YES, attach o	opy of meeting minutes)	DA1E: 🔯	ILO	XNO	TOTAL V	NORK H	OURS ON JOB	SITE THIS DATE	192.5		
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ੋਂ ਨੂੰ ∏if YES, attach copy of e	environmental OSHA re	eport)					TOTAL OF W	ORK HOURS	19689.25		
 WAS TRENCHING/SCAFFOLD/HV E	LECTRICAL/HIGH WORK	DONE?	YES	X NO	FROW	FILEVI	OUS REPORT		19009.20		
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was hazardous material waste releated If YES, attach description of inc			YES	∷X NO			S FROM STA	RT OF	19881.75		
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			ADDITIONAL SHEETS					REPORT NO	91	
PHASE	CONTRACT NO	N68711-02-D-8013	cor	NTRACT TITLE	P-254 Bache	for Enlisted Quarters	/ 32 nd Street Na	ıval Station, San Di	ego, CA	
	WAS PREPARAT	ORY PHASE WORK PERFORM	ED TODAY?			YES 🔲	ио ⊠	·		
<u>8</u>		AND ATTACH SUPPLEMENTAL	PREPARATORY PHAS	SE CHECKLIST.	· · · · · · · · · · · · · · · · · · ·					
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FOLLOW-UP	1-330	JR Construction strip edge form	s, operate tower crane,	walls, footings				, 	<u> </u>	
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CON	Date:	Date: 06/20/03							
Contract No.		SHEETS IF NECESSARY) Title and Location				Report No. 396 Amendment			
N68711-02-D-8013 DO #001	•	P-254 I	BEQ, Naval Station San Diego						
Subcontractor			intendents						
Soltek Pacific		Paul C	ates, Keith Moss	1					
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Overcase	Clear	·····	WORK PERFORMED TODA	<u> </u>		65			
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General labor, irrigation repair			SOLTEK F.O.	3		Journeyman			
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and install plumbing to final loc			- DOTT COMDITO	3		Plumber	22		
test completed plumbing (N. w.				1		Operator	8		
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(If YES, attach cor	py of meeting minutes)		Contractive Contra	TOTAL WORK H	OURS ON	JOB SITE THIS DATE	\$565		
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ි s If YES, attach copy of en	ivironmental OSHA re	eport)		FROM PREVI		OF WORK HOURS	19128.25		
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(If YES, attach statement or checklist short			i co						
WAS HAZARDOUS MATERIAL/WASTE RELEAS			YES EXENO	TOTAL HOUR	S FROM	START OF			
If YES, attach description of inci-				CONSTRUCT	ION				
LIST SAFETY ACTIONS TAKEN TO	DDAY/SAFETY INSPEC	CTIONS	CONDUCTED		YES	SAFETY REC			
EQUIPMENT/MATERIAL RECEIVE	QUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB								
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CONSTRUCTION AND PLANT EQU	UIPMENT ON JOB SITI	TODAY	7. INCLUDE NUMBER OF HOUR	S USED TODAY					
COMMENTS						- 31 - 12 3	ルールラ		
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			DITIONAL SHEETS IF NECESSA				REPORT NO		90					
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TIT	LE P-254 Bache	for Enlisted Quarter	s / 32 rd Street Na	val Station, Sa	an Diego,	CA					
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REPARATORY	Schedule Activity No.	Definable Feature of Work		•			•		Index#					
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	Activity No.	Section, Location and List of Person		are or work, opec	incation									
	1-347	Neal Electric pre plan, jobsite coord	dination schedule											
٩	S0111	Soltek Pacific general labor, landsc												
<u>*</u>	1-330	G Force inspected reinforced concr			····									
Ó	S0114 1-330	DSI excavate and install site sewer		to final location, te	st completed plumb	ng.			 					
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		Bradshaw Engineering set sleeves	TOTALS, SOLUCION SILIC OPERALE TOWER		ins, project electric	· <u> </u>								
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		Follow-Up Phase Checklist Item Fro	m Above That Was Answered "No	O"), Manuf. Rep O	n-Site, etc.									
Schedu Activity		1												
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		rtify that this report is complete and corr d work performed during this reporting p		3										
compliance		awings and specifications to the best of m	ny knowledge	MITHORIZED OC	MANAGER AT SITE	:	<u> </u>	17	<u>, つ に , つ</u> . DATE					
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	(CC	ONTINUED ON SECOND	E CHECKLIST PAGE)	SPEC ON 033	00	06-19-03
CONTRACT N6871	NO DEFINABLE 1-02-D-8013	FEATURE OF WORK	inforcing steel	SCHEDULE ACT N		NDEX# Enter Index# Here
PERSONNEL PRESENT	GOVERNMENT REP NOTIFIED NAME Rosi Dost John Bayardo	#HRS HOURS IN AE		,	NO SCOMPANY/GOVER Pacific Coast Steel Sottek Pacific	NMENT
SUBMITTALS	IF NO, WHAT ITEMS HAVE NO ARE ALL MATERIALS ON HAN IF NO, WHAT ITEMS ARE MISSING? CHECK APPROVED SUBMITT	OT BEEN SUBMITTED? ND? The balance of the ALS AGAINST DELIVERE	R. HAVE ALL SUBMITTALS BEEN AP The balance of the reinforcing steel fro YES NC reinforcing steel which is still in design ED MATERIAL. (THIS SHOULD BE DO specifications and general requirement	om floors 2 through 12. Currently DOME AS MATERIAL ARRIVES.)		ES NO 🔯
MATERIAL STORAGE	ARE MATERIALS STORED PR					
SPECIFICATIONS	DISCUSS PROCEDURE FOR A WORK. CLARIFY ANY DIFFERENCES.	CCOMPLISHING THE	superintendents will address.	he subcontractor will proceed w	nth the work. A con-	cern has been raised on access. The
PRELIMINARY WORK & PERMITS	ENSURE PRELIMINARY WORK		MITS ARE ON FILE.			

	PREF	PARATORY PHASE	CHECKLIST	SPEC SECTION 03300	DATE 06-19-03
CONTRACT N	10	(CONTINUED FROM FIRST DEFINABLE FEATURE OF WORK	PAGE)	SCHEDULE ACT NO	INDEX #
	-02-D-8013	Rei	nforcing Steel	310	
	IDENTIFY TEST T	O BE PERFORMED, FREQUENCY, A	ND BY None		
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	REVIEW TESTING	G PLAN.	···		
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	HAS TEST FACILI APPROVED?	TIES BEEN			
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į į		D ANALYSIS APPROVED?	YES 🛛 NO		
	REVIEW APPLICA	ABLE PORTION OF EM 385-1-1. Safet	ty manager has held his safety meeti	ng.	
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			10		
•					06.19.03 DATE
			QC MANAGER		DATE

		CONTRACTOR	QUALITY CONTR	OL REPO	DRT		DATE	06-19-03
			ADDITIONAL SHEETS IF NECESSA				REPORT NO	89
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TIT	LE P-254 Bache	for Enlisted Quarters	/ 32 nd Street Na	val Station, San D	riego, CA
	WAS PREPARA	TORY PHASE WORK PERFORME	D TODAY?		YES []	№ 🛛		
ξ	IF YES, FILL OU	T AND ATTACH SUPPLEMENTAL	PREPARATORY PHASE CHECKL	IST.				
REPARATORY	Schedule Activity No.	Definable Feature of Work	•			•		Index#
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	Į.	ASE WORK PREFORMED TODAY			YES 🔲	ио 🖾		
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	WORK COMBILIE	ES WITH CONTRACT AS APPROV	ED DUDING INITIAL DUASES			YES	⊠ NO	
	i	S WITH SAFETY REQUIREMENTS				YES	Ø NO	
	Schedule	· 1	formed & By Whom, Definable Feat	ure of Work, Specif	fication			
	Activity No.	Section, Location and List of Pers						
	1-347	Neal Electric rough for ECS, pre	· _ · _ · _ · _ · _ · _ · _ · _ · _ · _					
<u>ا</u>	S0111 1-330	G Force inspected reinforced cor	scape repair, concrete demo and r	emoval				
≶	S0114	_i	er 12 line to 1 line. Adjust plumbing	to final location, te	st completed plumbi	ng.		
FOLLOW-UP	1-330	PCS prefabricate and set walls, w				`		
Ö	1-330	JR Construction layout, prefab wa	all forms, screeds and operate towe	er crane, pour colum	ns, fine grade, sand	under slab, clea	n panels, safety	
_	RF-130	Western Bay Sheet Metal install	reglet and counterflashing					
	1.105	Bradshaw Engineering attended I	Foreman's Meeting					
	<u> </u>							
				Indiana incide			ORK TEMPT (67	
EWORK. Sched	uta I	D TODAY (NOT CORRECTED BY	CLOSE OF BUSINESS)	REWORK ITEMS Schedule	CORRECTED TOD	AY (FROM REV	ORK HEMS LIST)
Activity		on		Activity No.	Description			
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Sched		•	Tom Boto Macriaby Londing 11), mana. nop o	, 6110, 610.			
Activity	No.							
								
								
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On behalf	of the contractor, 1	ertify that this report is complete and co	orrect and	· · ·				
		nd work performed during this reporting rawings and specifications to the best o		کے ح			<u> </u>	11.06.0
	noted in this report.	·		NUTHORIZED QC	MANAGER AT SITE			DATE
			ITY ASSURANCE REPOR			ATE	· · · · · · · · · · · · · · · · · · ·	
UALITY A Schedu	do 1		OR EXCEPTIONS TO THE REPOR	रा				
Activity		n 						
								
								
				GOVERNMENT Q	UALITY ASSURANCE	E MANAGER		DATE

001	(ATTACH ADDITIONAL S	ODUCTION REPORT SHEETS IF NECESSARY)		Date: 06/18/03					
Contract No.		Title and Location		Report No					
N68711-02-D-8013 DO #001		P-254 BEQ, Naval Station San Di	ego						
Subcontractor		Superintendents	<u> </u>						
Soltek Pacific		Paul Cates, Keith Moss		1	j				
AM Weather	PM Weather	Max Temp		Min Temp	*F				
Overçast	Clear		70	65	i				
Overcast	Clear	WORK PERFORMED TO							
WORK PERFORME	ED TODAY	EMPLOYER	NO.	TRADE	HOURS				
Supervision		SOLTEK	1	Safety Officer	8				
			2	Superintendents CQC	23.5				
Noved exterior light J-boxes	rough stairwell:	NEAL ELECTRIC	2196 2 912/14/21	Journeyman	8				
ghting material handling 👑			52 623 6174	Technician					
General labor, landscape repa		SOLTEK F.O.	550 1.5%;	Apprentice Journeyman					
erieral labor, landscape repa	in, conclete demo	SOLIEK P.O.	1	Laborers	8				
		· · · · · · · · · · · · · · · · · · ·	1 1	Apprentice					
		RULANTHER	in the state	Foreman .					
		RBF ENGINEERING	7.3	Apprentice Apprentice Party Chief					
7.27.86.12.22			and read the second	Chainman Chainman					
einforced concrete/inspection	nasa sa	G-FORGE SEE	New Call Control	Project Engineer					
Excavate and install site sew	ver 12-1 line adjust	DSI PLUMBING	1	Foreman	9.5° 8				
nd install plumbing to final lo	cation (N. wing),	DOTT COMBINO	4	Plumber	32				
st completed plumbing (N. w	/ing)		1	Operator	8				
		SUPIERIOR ROOFING	1 1	Apprentice Roofer	8				
				Operator					
refab East wing walls, setting	East wing wall	PCS	1	Foreman	11				
est wing SOG, West wing w	all horizontals		11	Journeyman	100				
reeds lavoutenrelab wall or	nels#edge forms	UR CONSTRUCTION	6	Apprentice Superintendent	52 8				
ne grade pour columns clea			and 2007 10 co. 2	Carpenter	96.5				
ane, sand under/slab 🗱 🗀		And the second second	SE 6 34 HOLD	Laborer 4	38				
				Operator Apprentice	120 48.5±				
		BURCH	3	Drywaller	40.0				
			1	Laborer					
Property A.		WEST COASTURON >		Ironworker 🐭 🥙					
IWAS A JOB SAFETY M		PATE? YES X NO		Helper 4	7				
∑ (If YES, attach ∞	ppy of meeting minutes)			OURS ON JOB SITE THIS DATE	496				
WERE THERE ANY LOST TO STAND THE STAND TO STAND THE STAN				TOTAL OF WORK HOURS					
ි ග් If YES, attach copy of ei	avironmental OSHA re	port	1	OUS REPORT	18118.75				
AS TRENCHING/SCAFFOLD/HV EL	ECTRICAL/HIGH WORK [OONE? YES X NO		OCCUPATION OF THE PROPERTY OF					
YES, attach statement or checklist sho	owing inspection performed)								
AS HAZARDOUS MATERIAL WASTE RELEA YES, attach description of inc		3000	CONSTRUCT	RS FROM START OF	18614.75				
ST SAFETY ACTIONS TAKEN T			JOHOTROOT	SAFETY REC	QUIREMENTS				
				YES HAVE BI	EEN MET				
QUIPMENT/MATERIAL RECEIVE by mix #305002, columns on					i				
		TODAY, INCLUDE NUMBER OF H	IOURS USED TODAY	· · · · · · · · · · · · · · · · · · ·					
				70					
OMMENTS:			")						
		Keith Moss							
		SUPERINTENDENT	0/1	DATE					
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		CONTRACTOR QUAL			ORT		DATE		18-03
<u> </u>	T	(ATTACH ADDITIONAL	L SHEETS IF NECESSARY)	 .		REPORT NO		38
PHASE		N68711-02-D-8013	CONTRACT TITLE	P-254 Bache	elor Enlisted Quarter		Naval Station, San [Diego, CA	
l ≿	:	TORY PHASE WORK PERFORMED TODAY? T AND ATTACH SUPPLEMENTAL PREPARAT			YES 🗌	ио 🔯			
PREPARATORY	Schedule	Definable Feature of Work	ORT PHASE CHECKEST.						Index #
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	1	ASE WORK PREFORMED TODAY?			YES 🗌	ио 🔯		_	
	IF YES, FILL OUT	TAND ATTACH SUPPLEMENTAL INITIAL PHA	ISE CHECKLIST.						
NITIAL	Activity No.	Definable Feature of Work							Index #
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	WORK COMPLIE	S WITH CONTRACT AS APPROVED DURING	3 INITIAL PHASE?			YES	s 🔯 NO		
	WORK COMPLIES	S WITH SAFETY REQUIREMENTS?							
!	Schedule Activity No.	Description of Work, Testing Performed & By Section, Location and List of Personnel Pres		of Work, Speci	ification				
!	1-347	Neal Electric moved exterior light J boxes, ro		rial handling		· · · · · · · · · · · · · · · · · · ·			
ا يه	S0111	Soltek Pacific general labor, landscape repai							
7	1-330	G Force inspected reinforced concrete							
, o	S0114	DSI excavate and install site sewer 12 line to		inal location, te	st completed plum	bing.			
FOLLOW-UP	1-330	PCS prefabricate walls and set 6 columns, w	···						
Ĭ.	1-330	JR Construction layout, prefab wall forms, sc	reeds and operate tower cra	ane, pour colum	nns, fine grade, sam	id under slab, ci	lean panels		
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Sched: Activity		1		Schedule Activity No.	Description			····	
									
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Schedu	ا ماس		That was Answered NO),	, Manui. Rep Oi	n-Site, etc.				
Activity I		<u></u>	<u> </u>						
				 					
						 			
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		ertify that this report is complete and correct and	V	$\overline{}$					
compliance	e with the contract dra	nd work performed during this reporting period is in nawings and specifications to the best of my knowled	edge		7		<u> </u>	6.2	6.03
except as n	noted in this report.			HORIZED QC N	MANAGER AT SITE				DATE
OLIAHITY A	COLIDANICE DEDC	GOVERNMENT QUALITY ASSI RESENTATIVE'S REMARKS AND/OR EXCEP				DATE			
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Activity N	10.								
									
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CON	TRACTORS PR (ATTACH ADDITIONAL)				Date:			4/03 C. E.
Contract No.			d Location .	Report No. 93				
N68711-02-D-8013 DO #001		P-254 R	EQ, Naval Station San Diego				್ಯ ಪ್ರಯೋಜನ್ನು ಕರ್ಮ ಆರ್ಥಕ್ ನಡಡೆಗಳು ನೀಡು	
Subcontractor	. —		ntendents	.= ,	 			
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Soltek Pacific	DBA 186 - 46	Paul Ca	ites, Keith Moss		т -		<u> </u>	*F
AM Weather	PM Weather		Max Temp	*F		, N	fin Temp	· F
Overcast	Clear						65	
WORK PERFORM	D TODAY	<u>v</u>	VORK PERFORMED TODA		- ₊	**		LIQUES
WORK PERFORME Supervision	ED TODAY	ļ	EMPLOYER SOLTEK	NO.	ļ		ADE Officer	HOURS 8
duperviolen		-	OCCIEN	2			tendents	23.5
				1	<u> </u>		ЭС	10.5
Job pre-plan			NEAL ELECTRIC	312124			eyman 🛒 📜	8
					and a second second	THE PERSON NAMED IN PARTY OF	nician :	er ver
General labor, removal of dirt			SOLTEK F.O.	3	1 43151-5141	Charles and the second	eyman	See also see a see a see
pipe, dust control				1		Labo	orers	8
				1		Appre		
		***	RU/DANHAHER	26.0			man Ma entice	
		107-200-201-201-201-201-201-201-201-201-201	RBP ENGINEERING	*** * ! **	was not administrated the	W/ 000 000 100 100 100 100 100 100 100 100 100 100 100 100 100 100	Chief	
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Reinforced concrete inspection			State CHEOK GENTLAND TAN	Sies Pas			ngineer/a 🤊 🚜	P. 10 (1)
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and install plumbing to final loa			DOLL FOMBLING	4	 		nber	48
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		20220	JPIERIOR ROOFING	4			ofer ator	
Started to set East wing wall,		C.E.S 375-5-8	PCS	1	190.400.390		man	10
wall, set 6 columns on East wi				10	 	Journe	** *	93
tals on East wing.				3		Appre		30
screeds; layout, prefab, wall pa fine grade, pour columns; clea			RECONSTRUCTION	0.0			tendent enter e	¥8 105
crane blockouts sand under s				46. 40			orer 7	43:5
19. 25. 24. 5		*19		#77 :92 % * 7			rator 📜 🔭	20.5
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		v	VEST/COAST/IRON		le race i		orker- * : - * :	- 1
(C)	4				Craft.	: Hel	per of the	a ve
WAS A JOB SAFETY M		DATE?	YESNO			······································		Same Service
(If YES, attach co	ppy of meeting minutes)	ATE	VEC TO VICTOR	TOTAL WORK	HOURS O	N JOB S	ITE THIS DATE	482.5
(If YES, attach co WERE THERE ANY LOST 1 If YES, attach copy of er			YES K	CUMULATIVE	E TOTAL	OF W	ORK HOURS	
σ				FROM PREV				17637.25
WAS TRENCHING/SCAFFOLD/HV EL			YES X NO					
(If YES, attach statement or checklist sho		-	NEC PERMINA	TOTAL HOLE	10 FDA	A CTAI	T 0E	TORREST CONTRACTOR TORREST MANAGEMENT OF THE PARTY OF THE
was hazardous material/waste relea If YES, attach description of inci			YES X NO	TOTAL HOUR		VI S I AF	KI OF	18119.75
LIST SAFETY ACTIONS TAKEN T				CONOTITO			SAFETY REC	
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EQUIPMENT/MATÉRIAL RECEIVE				IC fittings said	oforcod -	tool		
5cy mix #305002, columns on CONSTRUCTION AND PLANT EQ						icel		
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COMMENTS					رودود		A	
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			CUPERINTENDENT	// 1		<u></u>	DATE	
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ENCLOSURE (_)

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

		Meet	

Date Start End Next Meeting Next Time Prepared By Company

6/17/2003

09:00 AM

09:30 AM 6/24/2003

09:00 AM

John Bayardo

Soltek Pacific

Purpose Location Next Location General Notes

Weekly QC Meeting

Soltek Trailer

Soltek Trailer

Attended By Non-Attendees

Soltek Pacific - John Bayardo

Soltek Pacific - Ben Bump

Soltek Pacific - Keith Moss

Soltek Pacific - Paul Cates

Soltek Pacific - S. Cody

ROICC San Diego - Shannon Plummer

Item Meeting Item Description

Resp Status

Due Date Compi'd Cls'd

Old Business

Plumbing

009-001--

The second potable water test results are back. The ---- DSIsolid particles and the drinking fountain liquid passed. The west fire hydrant failed once again. This now showing that the water within the 6" cast iron main was the probable source of contamination. Test results will be delivered to the Government within a business day. The scheduling of rechlorinating, repurging and retesting the entire 10" main will be done this week. The gas line west of the mechanical building still needs to be compacted and tested. First floor sewer sleeves remain a focus prior to all concrete pours. The second "wet" sewer piping test is ongoing.

Concrete Piles

009-002

The installation of all concrete pile dowels is complete and approved

No

No

Concrete Foundation

009-003

Concrete mix design 315092 was approved by Hamid Liaghat with only 275 pounds of water. That is a reduction of approximately 33 pounds. JR Construction does not accept this due to the amount of steel involved which will cause the concrete not to flow properly. JR Construction will resubmit a new mix design. Early breaks on concrete samples of the foundation are resulting in 100% of mix design (4000 psi) within 7 days. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being

No

Page 1 of 3

Prolog Manager

Printed on: 6/17/2003

Job 472

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description Resp Status Due Date Complid Cisid

Old Business

Reinforced Steel

009-004

Rebar inspection is ongoing. A mat detail has been approved by Hamid Liaghat for the 3 piles that are low. An epoxy / rebar detail is forthcoming from FLC. This is due to the fact that rebar within the elevator pit walls was bent excessively. Hamid Liaghat has also field approved the rebar configuration for the concrete pile that was a meter low. This was due to the fact that the original detail was not built in the field. Lastly Hamid has approved additional rebar within the grade beam to offset the increased dimension between center to center of concrete piles.

No

Safety Record

009-005

1.) Report all injuries, accidents and hazardous conditions to Cody @ (619) 855-0128 immediately.

2.) No injuries or accidents reported last week.

All Subs

No

Item Meeting Item Description

Status Due Date Compl'd Cls'd Resp

New Business

Plumbing

010-001

The potable water test results have been given to the Government. The following strategy has been recommended. DSI Plumbing has been asked to close the north water supply valve and open the south valve. This will allow the water within the pipe system south of the valve to cycle through the system. Within several business days DSI will rechlorinate, repurge and retest the entire 10" loop system onsite. The gas line west of the mechanical building still needs to be compacted and tested. The second "wet" sewer pipe tests are on going. The welding of preinsulated water piping is being monitored.

No

Concrete Foundation and Slab

010-002

Concrete mix deign #315092 is not useable as approved due to the reduction in water per Hamid Liaghat. With the amount of reinforcing steel throughout the structure JR feels they will not be able to achieve proper flow of the material. A meeting will be scheduled this week between JR Construction, Vulcan Aggregates, Hamid Liaghat and Soltek Pacific. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched. The RFP calls out in section B1000 to refer to the A - E Guide dated January of 2000 regarding additional structural design criteria. Within section 6.8.8.1 (b) it states that concrete slabs on ground shall have construction, control or expansion joints at maximum spacing of 25 feet in each direction. Any approval for deviations must be obtained from code 04CN.EH at Southwest Division. Hamid Liaghat is being asked for his interpretation on the matter.

No

Reinforced Steel

010-003

An epoxy / rebar detail has been issued by Hamid Liaghat and implemented by JR Construction and PCS for the walls of the elevator pit areas. Continuous inspections are ongoing for all rebar work.

No

Prolog Manager

Printed on: 6/17/2003

Job 472

Page 2 of 3



Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description Resp. Resp. Status Due Date Compl'd Cis	ď
New Business	

Electrica!

010-004

Continuous inspections are ongoing for all electrical work.

No

No

Safety Issues

010-005

1.) Fall protection is becoming critical. As we go up, make sure that workers are tied off at all heights 6' or >. No exceptions!

2.) Chose the proper length ladder for the job. Several people were using the inappropriate ladders.

- 3.) Waste, scrap and materials need to be cleaned up. There is a severe slip, trip and fall hazard with poor housekeeping.
- 4.) Cranes working overhead- be aware of when a load may be overhead.
- Teamwork is important with safety. Work together to provide a safe work place for your employees and other subs.
- 6.) Open trenches need to be backfilled, covered or caution taped off everyday.
- 7.) Consider my inspections as a friendly OSHA inspection. I only point out discrepancies that will result in an OSHA fine or violation.

Cc: Company Name	Contact Name	Copies Notes	
Soltek Pacific	John Bayardo	1	
Soltek Pacific	Ben Bump	1	
Soltek Pacific	Keith Moss	1	
Soltek Pacific	Paul Cates	1	المراجعة والمعارض المراجعة المراجعة والمعارض المراجعة والمعارض المراجعة والمعارض المراجعة والمعارض والمراجعة والمعارض وا
Soltek Pacific	S. Cody	1	
ROICC San Diego	Shannon Plummer	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.



MULTI-EMPLOYER WORK SITES

- A.) An exposing employer is an employer whose employees were exposed to the violative condition at the work site regardless of whether that employer created the violative condition. Example: Rod buster(s) fall into hole that someone else dug.
- **B.)** A creating employer is an employer who actually created the violative condition. Example: Plumber digs a hole and leaves it.
- C.) A controlling employer is an employer who is responsible, by contract or through actual practice, for safety and health conditions at the work site and who has the authority to correct the violation. Example: General Contractor ignores safety violations.
- **D.)** A **correcting employer** is an employer who has the responsibility to correct the violative condition. Example: All subcontractors or the General Contractor.



Production Report P-254 Design Build Hi-Rise BEQ N68711-02-D-8013 DO #001

Mechanical Building

- 1. Neal Electric Panels & gear in electrical room.
- 2. Soltek Pacific -no activity.
- 3. DSI Will install insulated pipe 6/27/03. Boilers were scheduled for delivery on 6/13/03, have not heard from manufacture.
- 4. Superior Roofing Roofing complete except for the installation of one 2" flashing.
- 5. West Coast Sheet metal- Ready for installation of wall flashing. Will install 6-18-03.

BEO

- 1. JR Concrete Poured grade beams and pile caps @ north wing on 6/11/03. SOG @ east wing was poured on 6/13/03; SOG north wing will be poured 6/20/03. Poured 6 interior columns on 6/16/03, will pour 6 columns on 6/17/03 and 6/18/03. Placing sand and -visqueen for SOG @ north wing. Setting wall panels east wing, will pour on 6/26/03.
- 2. Neal –Installing conduit and light boxes in walls east wing.
- 3. DSI Completing U/G @ north wing.
- 4. Soltek Pacific- no activity
- 5. PCS -wall steel and columns east wing. SOG steel and wall steel north wing.

Site

Hamid to inspect

sprobably after IR is complete

1. DSI- Water main at Norman Scott - need to pressure test, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils

Neal – No activity.

3. Miranda- will start landscape repair west of Snyder Hall this week. Miranda had a work complete change in Project Managers that delayed start. Meeting with new PM today.

4. Asphalt Patching-still in negotiations.

MOUKUP-READY FOR FINAL REVIEW SHORTLY
-SUBS REQUESTED INTERIOR MUCKUP - SEPTEMBER TIMETRAME

* MATERIAL DELIVERY WILL BEGIN SOON

enclosureal

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ENCLOSURE (P-)

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<u> </u>			ADDITIONAL SHEETS IF NECES				REPORT NO	85
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT	TLE P-254 Bach	elor Enlisted Quarters	/ 32 nd Street Na	wal Station, San D	iego, CA
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WORK PERFORMED TODAY		EMPLOYER	NO.		TRADE	HOURS
Supervision "	 	SOLTEK	2		Safety Officer Superintendents	23
			1		CQC	12
first floor east pour watch, pre-plan with AT&T:: and American Surveilance	3 No. 10	NEAL ELECTRIC	365 341 303 4		rmeyman Wireman Apprentice	1 8
			1.00		Utility Tech	
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	-		1		mason labors	8.5
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plumbing to final location. Watch first floor pour			3		Plumber Operator	24 8
			- 1	Plu	imbing Apprentice	16
		UPIERIOR ROOFING	. : - 3 4 et - 3 t	1000	Roofer 🔻 🛶	
cted to prefab wall (Eastwing), setting ties	#.; VA.	PCS	7		©perator. Journeyman	51.5
wing)			1		Foreman	8
screeds; layout, prefab wall panels, pour slab	- Service	ID/CONSTDUCTION	5 .		apprentice Superintendent	40
on grade, strip footings, operate crane		SIA CONSTITUTION S			meyman Carpenter	
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WAS A JOB SAFETY MEETING HELD THIS	DATE?	YES X NO				
(If YES, attach copy of meeting minutes) WERE THERE ANY LOST TIME ACCIDENTS THIS	DATES [4€ AT YES MEXINO	TOTAL WORK H	OURS C	ON JOB SITE THIS DATE	481
WERE THERE ANY LOST TIME ACCIDENTS THIS If YES, attach copy of environmental OSHA r		30 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	CUMULATIVE	TOTAL	L OF WORK HOURS	
	DOMES		FROM PREVIO	DUS RI	EPORT	16524:25
WAS TRENCHING/SCAFFOLD/HV ELECTRICAL/HIGH WORK (If YES, attach statement or checklist showing inspection performed		YES [XX]NO				
WAS HAZARDOUS MATERIAL WASTE RELEASED INTO THE ENVIRONMENT	L		TOTAL HOUR		M START OF	
If YES, attach description of incident and proposed a LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPE			CONSTRUCTI	ON	SAFETY REC	17005.25
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EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCO			00.4000:		<u> </u>	
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PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TITE	E P-254 Bache	lor Enlisted Quarters	/ 32 nd Street Na	val Station, San	Diego, C	CA
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	WORK COMPLIE	S WITH CONTRACT AS APPROVED	DURING INMAL PHASE?	·		YES	⊠ NO		
	WORK COMPLIE	S WITH SAFETY REQUIREMENTS?					⊠ NO	_	
	Schedule	Description of Work, Testing Perform		ure of Work, Speci	fication				
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ָּבְּי <u>ַ</u>	F1240	G Force inspected reinforced concre							<u>-</u>
× C	S0065	DSI install excavate and install site s	ewer 12 line to 1 line. Adjust plu	mbing to final locat	ion. Watch first floor	pour			
FOLLOW-UP	F1225	PCS tied steel on wall, setting ties		·					
FO	1-310	JR Construction fabricate footing for	ms layout, prefab wall forms, scr	eeds and operate t	ower crane, pour sla	b on grade, strip	footings		
									
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REWORK	ITEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLC	OSE OF BUSINESS)	REWORK (TEMS	CORRECTED TODA	Y (FROM REW	ORK ITEMS LIST	D	
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REMARKS	(Also Explain Any	Follow-Up Phase Checklist Item From	n Above That Was Answered "N	O''), Manuf. Rep Oi	n-Site, etc.				
Schedi Activity		1							
Activity						· · · · · · · · · · · · · · · · · · ·			
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		artify that this report is complete and corre		7					
compliance	with the contract dr	d work performed during this reporting pa awings and specifications to the best of m	y knowledge	k = =			3 0	6.	<u>24.0</u>
except as n	oted in this report.			-\	MANAGER AT SITE				DATE
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[]	Schedule	Description of Work, Testing Perfe		ature of Work, Speci	ification		
))	Activity No.	Section, Location and List of Pers Neal Electric jobsite pre plan	onnel Present				
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ן בְּ	F1240	G Force inspected reinforced cond		Out for hydronic siec			
l ≷ l	S0065	DSI install excavate and install site		umbing to final loca	tion		
FOLLOW-UP	F1225	PCS tied steel slab on grade east	wing, horizontal on walls and set	ling ties			
[<u>@</u> [1-310	JR Construction fabricate footing f	orms layout, prefab wall forms, so	creeds and operate	tower crane	· · · · · · · · · · · · · · · · · · ·	
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REMARKS	Also Explain Any	Follow-Up Phase Checklist Item F	rom Above That Was Answered "	NO"). Manuf. Rep O	n-Site, etc.		
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		rtify that this report is complete and con		1 ~			
comphance	e with the contract dr	d work performed during this reporting awings and specifications to the best of		7.12)	<u>ی د</u>	5. 23.03
except as n	oted in this report.			\	MANAGER AT SITE		DATE
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ENCLOSURE (-)

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

QC	Meeting Meeting 9

Start 6/10/2003 09:00 AM

Next Meeting 09:30 AM 5/27/2003

Next Time Prepared By 09:00 AM

John Bayardo

Company Soltek Pacific

Purpose

Location

Next Location

General Notes

Weekly QC Meeting

Soltek Trailer

Soltek Trailer

Attended By

Non-Attendees

Soltek Pacific - John Bayardo

Soltek Pacific - Ben Bump

Soltek Pacific - Keith Moss

Soltek Pacific - Paul Cates

Soltek Pacific - S. Cody

ROICC San Diego - Shannon Plummer

Item Meeting Item Description

Status

Due Date Compl'd Cis'd

...Yes

Old Business

Old Business

008-002

Plumbing:

Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical building still needs a soils compaction test) Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scottwill be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.

Concrete Piles:

Inspection of concrete pile dowel installation is ongoing.

Concrete foundation:

Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products

Rebar:

Inspection of all reinforcing steel is ongoing

A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid --Liaghat has been contacted and will be onsite to review options

-new defaul

Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday

Prolog Manager

Printed on: 6/10/2003

Job 472

Page 1

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description

Resp

Status Due Date Compl'd Cis'd

Old Business

A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it.

- complete

- A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All - CON Pi K work has passed. work has passed.
- Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed,
- 10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.

Safety

008-003

- 1.) Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.
- 2.) MSDS are not being brought to Safety Manager.
- 2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.
- 4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.
- 5.) Safety meeting records, equipment checklists are due weekly.
- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.

Safety Record

008-004

- 1.) One injury, (hand taceration), PCS employee reported for last week.
- 2.) Two employees terminated for unsafe acts last week.
- 3.) One employee received warning for unsafe act.
- 4.) Report all injuries and accidents to Cody (619) 855-0128 immediately.

Production Report

008-005

Mechanical Bldg

- 1. Neal Electric- Panels and gear in elect. rm.
- 2. Soltek Pacific- Fill Beam block out by 6/5/03
- 3. DSI- Need to install insulated pipe
- 4. WCI- Roof deck completed by 6/2/03
- 5. Superior Roofing- Tenative schedule in 6/9/03

BEQ

- 1. JR- Excavation of footings complete, backfilling of elevator pit in progress. Poured first half of grade beams on east wing 6/2/03, will complete 6/4/03. Start backfilling of grade beams for SOG.
- 2. Neal- Start conduits in slab and below slab
- 3. DSI- Completing U/G at west wing
- 4. Soltek- Grouting dowels, chipping piles
- 5. PCS- steel in footings

Prolog Manager

1. DSI- Water main at Norman Scott has been installed

Printed on: 6/10/2003

Job 472

Yes

Yes

Yes

Page 2



Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description

Status

Due Date Compl'd Cls'd

Old Business

need to pressure test, gas line has been installed from north wing to mech. bldg., working with SDG&E for location of POC on mainline in Main Street and schedule install. Need to start sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils. Neal- No activity

Item Meeting Item Description

Resp

Status

Due Date Compl'd Cls'd

No

New Business

New Business

009-001

Plumbing:

Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged. Secondary air tests on first Hydrostatic test will begin within a few days. During Mondage page 15. 2" Mondays pour the 3" sewer sleeves were centered over the individual sewers.

Solids passed

Concrete Piles:

Inspection of concrete pile dowel installation is ongoing.

Concrete foundation:

Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products

- ir Joesn't like Changes - will resubruit new nix design (this is a backupanix)

Inspection of all reinforcing steel is ongoing

A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and Will be onsite to review options provided detact

Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday

A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it.

A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.

Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed

Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area. w. 7 day breaks exceeding 4000

7. Low piles - adding mat around dop of piles per Harmid

s. Bent/rebent clowels @ elevator pit to be addressed by Harrid. (will drill in additional do vocis)

Cc: Company Name

Contact Name

Copies Notes

Soltek Pacific

John Bayardo

1

Prolog Manager

Printed on: 6/10/2003

Job 472

Page 3



Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Soltek Pacific	Ben Bump	1
Soltek Pacific	Keith Moss	1
Soltek Pacific	Paul Cates	1
Soltek Pacific	S. Cody	1
ROICC San Diego	Shannon Plummer	1

Jon-delete doors in laundry area

- delete door between kitchenette/both

- delete door between kitchenette/both

- remove header a "left" wall to open passageway

- lower entry ceiling, remove closet lights

- rework cleanout location From bedroom to bath; match tile (talk to Eloupne)

- review dyer vent Cleanout. Location > is it possible to move out of the 10cdroom 7

- Irgut fixture in bedroom will be moved so it doesn't interfere wiffan



New Business

1. Plumbing:

The second potable water test results are back. The solid particles and the drinking fountain liquid passed. The west fire hydrant failed once again. This now showing that the water within the 6" cast iron main was the probable source of contamination. Test results will be delivered to the Government within a business day. The scheduling of rechlorinating, repurging and retesting the entire 10" main will be done this week. The gas line west of the mechanical building still needs to be compacted and tested. First floor sewer sleeves remain a focus prior to all concrete pours. The second "wet" sewer piping test is ongoing.

2. Concrete piles:

The installation of all concrete pile dowels is complete and approved

3. Concrete foundation:

Concrete mix design 315092 was approved by Hamid Liaghat with only 275 pounds of water. That is a reduction of approximately 33 pounds. JR Construction does not accept this due to the amount of steel involved which will cause the concrete not to flow properly. JR Construction will resubmit a new mix design. Early breaks on concrete samples of the foundation are resulting in 100% of mix design (4000 psi) within 7 days. All concrete pours are inspected continuously with temperature monitoring beyond 90 minutes of being batched.

4. Rebar:

Rebar inspection is ongoing. A mat detail has been approved by Hamid Liaghat for the 3 piles that are low. An epoxy / rebar detail is forthcoming from FLC. This is due to the fact that rebar within the elevator pit walls was bent excessively. Hamid Liaghat has also field approved the rebar configuration for the concrete pile that was a meter low. This was due to the fact that the original detail was not built in the field. Lastly Hamid has approved additional rebar within the grade beam to offset the increased dimension between center to center of concrete piles.





Quality Control Report 06-10-03

OLD BUSINESS

1. Plumbing:

Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical building still needs a soils compaction test. Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3" sewer sleeves were centered over the individual sewers.

2. Concrete Piles:

Inspection of concrete pile dowel installation is ongoing.

3. Concrete foundation:

Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products

4. Rebar:

Inspection of all reinforcing steel is ongoing

- 5. A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options
- 6. Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday
- 7. A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address it.
- 8. A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.
- 9. Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed
- 10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.





Tuesday 6-10-03

New Business- Safety

Topic: Weekly Site Safety Issues by S.Cody-Soltek Pacific Safety Manager

- 1.) Flaggers are required when there is high traffic such as during concrete pours.
- 2.) Ironworkers were not wearing safety glasses when using torch.
- 3.) Soltek employee squirting water on drill motor that was plugged in. Extremely hazardous with an electrocution hazard. (Darwin award!)
- 4.) Two nylon slings and one steel choker were tagged out. Please inspect all rigging and remove it from site if defective.
- 5.) Fall protection is becoming a "hot topic". As we go up, make sure that workers are tied off at all heights 6' or >. No exceptions!
- 6.) Waste, scrap and materials need to be cleaned up. There is a severe slip, trip and fall hazard with poor housekeeping.

Old Business- Safety

Topic: Safety Record

- 1.) Report all injuries, accidents and hazardous conditions to Cody @ (619) 855-0128 immediately.
- 2.) No injuries or accidents reported this week.

3.)



Production Report P-254 Design Build Hi-Rise BEQ N68711-02-D-8013 DO #001

Mechanical Building

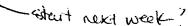
- 1. Neal Electric Panels & gear in electrical room.
- 2. Soltek Pacific -Fill beam block-out Complete.
- 3. DSI Need to install insulated pipe- in process. Boilers are scheduled for delivery on 6/13/03.
- 4. Superior Roofing Material delivered, will start 6/11/03.

BEQ

- 1. JR Concrete—Backfilling of elevator pit complete. Grade beams & pile caps poured out on east wing. Will pour grade beams and pile caps @ north wing on 6/11/03. SOG @ east wing will pour 6/13/03, SOG north wing 6/20/03.
- 2. Neal -Start conduits in slab & below slab complete.
- 3. DSI Completing U/G @ w-wing.
- 4. Soltek Pacific- Grouting dowels, chipping piles complete
- 5. PCS Steel in grade beams, pile caps, slab dowels, wall steel and columns north wing. SOG steel @ east wing.

Site

- 1. DSI-Water main at Norman Scott need to pressure test, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Started sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils
- 2. Neal No activity.
- 3. Iron Horse removed extra spoils from site.
- 4. Miranda- will start landscape repair west of Snyder Hall this week.
- 5. Asphalt Patching- still in negotiations.





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	1-347		Electri	rical U/G @ No		5	10JUN03	16JUN03	ſ-			-347 Electrical	cal
	F2235		Instal	1 Dowels for Walls & C	01	1	10JUN03	10JUN03	ı		M F2235		
<u> </u>	F2240		Pour	Pile Caps & Gr Bms - No	W	7	11JUN03	11JUN03	1		D F2240		
2 IV. E	F2245		Strip	Templates & Sandblast R	e	г	12JUN03	12JUN03	, -		■ F2245		
T	1-303		Pour	SOG @ E & Core		П	13JUN03	13JUN03			01-303	3 Pour SOG @	[±]
F3	1-348		Sand	& Visqueen SOG @ No		7	17JUN03	18JUN03	1-348	Sand &	Visquee		
A	1-349	}	Rebar	SOG @ North		2	19JUN03	20JUN03	1-349	Rebar	SOG @ North		
O I	1-305		Screed	ds & Templates @ No		7	23JUN03	24JUN03	1-305	Screeds	ı s & Templates	tes a	
	1-320		Button	n Up Walls & Columns 1-E		2	24JUN03	25JUN03	1-320		Ωı	& Colum	
F-10 F	1-307		Pour	SOG @ No			25JUN03	25JUN03		1-307	7 Pour SOG	OG @ NAT	
113 5	1-330		Pour	Walls & Columns 1-E & Co	J.	П	26JUN03	26JUN03	1-330	Pour Wa	Wajls & Columns	mns 1-E□	
1	1-340		Strip	Walls & Cols 1-E & Core		-1	27JUN03	27JUN03	1-340	Strip W	Walls & Col	S 1-E & G	
!	-2-300		Shoring	ng, Plwood & Edge Forms	2	2	30JUN03	1JUL03	2-300	Shoring,	, Plwood &	Edge Forms	
	1-350		One S	Side Wall Forms 1-No		2	30JUN03	1JUL03	H	-350 One	e Side Wall	1 Forms 1-No	
ig G	2-304		Elect	rical Conduit & Boxes 2-	ᅜ	7	2JUL03	2JUL03	2-304	Electrical	cal Conduit	t & Boxes 2-RD	[]
			Rebar	Walls & Cols 1-North		2	2JUL03	3JUL03		-360 Re	Rebar Walls	& Cols 1-North	[a
S. O.	<u> </u>				·· · ·								
	Traplot Date	10JUN03		Activity Sar/Zarly Dates Bo09				8	Sheet 1 of 1				T
ivi Se	Project Start	29JUL02 h 40CT04	n 2: ₹	Propulsor Progress Sar ♦ / Hilestone/Flag Activity	-					Date	Revision	Checked Approved	Pa
<u></u>	3				June 10,	, 2003	3 Three Week	ek Look Ahead	T pes				
Ĺ	r mavera	systems,	Inc.						1				

ENCLOSURE () ------

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		CONTRACTOR QU			DRT	REPORT	06-10-03			
ļ		(ATTACH ADDIT	IONAL SHEETS IF NECESS	ARY)		NO	81			
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TIT	LE P-254 Bache	lor Enlisted Quarters / 32 nd	Street Naval Station, San Di-	ego, CA			
1	WAS PREPARA	TORY PHASE WORK PERFORMED TO	DAY?		YES NO					
PREPARATORY	IF YES, FILL OUT	FYES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.								
	Schedule	Continually Equation of West								
	Activity No.						Index #			
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]	1	AS INITIAL PHASE WORK PREFORMED TODAY? YES NO								
i .	Schedule	tile								
INITIAL	Activity No.	Definable Feature of Work								
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		<u> </u>			-					
1		S WITH CONTRACT AS APPROVED DU	JRING INITIAL PHASE?			YES 🛛 NO				
		VORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☑ NO ☐								
ł	Schedule Activity No.									
]	1-347	Neal Electric pre plan, slab on grade east wing, coordination meeting								
	F1220	Soltek Pacific general labor and site clean up								
] 7		RJ Lanthier coordination meeting								
8	F1240	G Force inspected reinforced concrete								
	S0065	DSI install excavate and install site sew								
FOLLOW-UP	F1225	PCS tied steel on dowels, wall horizont								
] "	1-310	JR Construction fabricate edge forms, footing forms layout, prefab wall forms, fine grade, clean footings and operate tower crane								
•										
1			· · · · · · · · · · · · · · · · ·							
			·							
REWORK	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLOSE	OF BUSINESS)	REWORK ITEMS	CORRECTED TODAY (FR	OM REWORK ITEMS LIST)				
Sched Activity		1		Schedule Activity No.	Description					
Hotivity	110.			Acavity No.						
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			· · · · · · · · · · · · · · · · · · ·							
REMARKS	6 (Also Explain Any	Follow-Up Phase Checklist Item From A	Above That Was Answered "I	NO"), Manuf. Rep O	n-Site, etc.					
Schedu	ile Description			,,	,					
Activity	No.									
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		rtify that this report is complete and correct a d work performed during this reporting perio		1 7						
compliance		awings and specifications to the best of my ki	nowledge	AUTHORIZED OC	AANAGER AT SITE	د	<u>>6・と3・っょ</u> DATE			
CACCPI AS I	ioued Britails Tep-Ort.									
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Schedu	ile Description		TOLI HONO TO MENER OF	``						
Activity I	Vo. Description									
										
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			-	GOVERNMENT QU	JALITY ASSURANCE MAN		DATE			
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CONTRACTORS PRODUCTION REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)						Date:		: 06/0	9/03	
ct No.		Title and Location				Report No. 286				
Nour 11-02-D-8013 DO #001		P-254 BEQ, Naval Station San Diego					V	3. 4 -19.22-1-1-1		
Subcontractor			Superintendents							
Soltek Pacific			ates, Keith Moss	_		Ì	•			
AM Weather	PM Weather		Max Temp		*F		Min Ter	np	*F	
Overcast Overcast			70					65		
	- CVCIOCOL		WORK PERFORMED TODA	Y						
WORK PERFORMED TODAY			EMPLOYER	NO.			TRADE		HOURS	
Supervision "			SOLTEK		2		Safety Officer Superintendents		23	
					1	<u> </u>	CQC	113	9.5	
Slab on grade East wing		May Someth Street The	NEAL ELECTRIC		1 ***		meyman:Wire		8	
					1:75.33 1:875		Apprentice Utility Tech		20	
Grouted dowels, cut rebar, mi		4.004	SOLTEK F.O.		3	STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL STEEL	Journeyman			
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<u> </u>				 	2		labors Carpenter App		15	
			RULANTHIER		1441	(C) (S)	r √foreman *	7 Y.		
<u> Partina ara da ara</u>	term in the		RBF ENGINEERING	47.174			apprentice surveyors			
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Reinforced concrete inspection		777	au G-FOROE रुप्ता रक्ष	70.5			TECH !		\$-4-8 ₁₀	
Excavate and install site sew	er 12-1 line. Sleeve I		DSI PLUMBING		1	ESSEC. F	roject Eng/ V Foreman	F. S.	8	
and install perimeter forms at				<u> </u>	3		Plumber		24	
					!	Di	Operator mbing Apprer	rtico	<u>8</u> 8	
	16.5	- IR	ON HORSE GRADING	Zazian			Laborer			
					1		ुFlagman∵		841/2017—T287	
wels between 1-6 line,		are sold in	PCS	188711] 3		Operator Journeyman		€2 = M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
East wing, fix three piles drilled too low					1		Foreman		8	
as a data da			IPPONSIDE MATERIAL		3		apprentice	4.72.00	24	
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		Mark the	BRADSHAW	23:35			nt helper RESPRINKLE			
			DIVIDOLINA	<u> </u>	'		NEOF MINICE	-1/		
WAS A JOB SAFETY M	EETING HELD THIS I	ATEST	Service Testano							
(If YES, attach co	py of meeting minutes)	Marticotton Control			OTAL WORK HOURS ON JOB SITE THIS DATE 362.5					
WERE THERE ANY LOST TIME ACCIDENTS THIS D			DATE? YES XX NO							
ີ ∯ If YES, attach copy of er	nvironmental OSHA re					TOTAL OF WORK HOURS DUS REPORT \$14974.29			14974.25	
WAS TRENCHING/SCAFFOLD/HV EL	ECTRICAL/HIGH WORK I				CONTINE VIOLOTIC TOTAL					
If YES, attach statement or checklist sho	-, -		VEC GRAZIANO	TOTAL	LICUID	0 FD01	A CTART OF		A SHORE AND V. D. DANS	
was hazardous material/waste relea If YES, attach description of inci				OTAL HOURS FROM CONSTRUCTION		A START OF		15336.75		
LIST SAFETY ACTIONS TAKEN TO	 				YES SAFETY REQUIREMENTS					
QUIPMENT/MATERIAL RECEIVE	D TODAY TO BE INCO	RPOPA.	TED IN JOB					HAVE BE	EN MET	
TOOL HEATTHEATENED NEOFIVE	E TODAT TO BE INCO	OIVA	120 114 900							
CONSTRUCTION AND PLANT EQ	UIPMENT ON JOB SITE	TODAY	. INCLUDE NUMBER OF HOUR	S USED	TODAY					
ITS Roofing in	aterial for Mech®Bldo®D	elivered	Superior Roofing hauled (1) 40y	d to dum	for IR	Concrete		1.37.F4	on the street	
				4,7	نزود	1/2	//	ر/ سر		
		Keith Moss SUPERINTENDENT DATE					0/03			
			OOL ETMATEMOENT	6	16	/		DATE	<u>′</u>	

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İ		CONTRACTOR Q	UALITY CONTR	≀OL REPO	ORT	DATE	06-09-03			
		(ATTACH ADD	ITIONAL SHEETS IF NECESSA	ARY)		REPORT NO	80			
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TIT	LE P-254 Bache	lor Enlisted Quarters / 32 nd Street Na	val Station, San Diego,	CA			
	WASPREPARAT	ORY PHASE WORK PERFORMED T	ODAY?		YES NO 🛛					
[≿	ľ	AND ATTACH SUPPLEMENTAL PRE		IST.						
PREPARATORY	Schedule	Definable Feature of Work					Index#			
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	WAS INITIAL PHA	ASE WORK PREFORMED TODAY?	 		YES NO 🔯		<u> </u>			
l		AND ATTACH SUPPLEMENTAL INIT	IAL PHASE CHECKLIST.		ILS L. NO Z					
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INITIAL	Activity No.									
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	WORK COMPLIES	J. SWITH CONTRACT AS APPROVED	DURING INITIAL PHASE?		VEC	⋈ № □				
1 1		VORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☑ NO ☐ VORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☑ NO ☐								
	Schedule	Description of Work, Testing Perform	ed & By Whom, Definable Fea	ture of Work, Speci						
	Activity No.									
	1-347	Neal Electric slab on grade east wing								
ᆿ	F1220									
\	F1240									
Ö		DSI install excavate and install site sewer 12 line to 1 line. Steeve and install perimeter forms at sleeves.								
FOLLOW-UP		F1225 PCS tied steel on walls east wing, fix 3 piles driven too low, dowels 1 – 6.								
Ĭ.	1-310	JR Construction fabricate forms for footings, wall forms, fine grade and operate tower crane								
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i										
}			*							
REWORK I	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLO	SE OF BUSINESS)	TREWORK ITEMS	CORRECTED TODAY (FROM REW)	ORK ITEMS LIST) .				
Schedu	ile Description		oc or soon <u>ingooy</u>	Schedule	Description	J. J. L. L. L. L. L. L. L. L. L. L. L. L. L.				
Activity I	No.			Activity No.						
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DEMARKS	(Also Evolain Any	Follow-I in Phase Checklist Item From	Ahove That Was Answered "N	IO' Manuf Rep O	n-Site etc					
Schedu		Follow-Up Phase Checklist Item Fron	ADOTE THAT TYRIS ANSWERED TO	io), mana. Rep o	mone, etc.					
Activity 1	Vo. Description									
										
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		tify that this report is complete and correct d work performed during this reporting per								
	with the contract dra oted in this report.	wings and specifications to the best of my	knowledge	AUTHORIZED OC I	MANAGER AT SITE) 06.0	DATE			
		GOVERNMENT QUALITY			DATE					
QUALITY AS	SURANCE REPR	ESENTATIVE'S REMARKS AND/OR			DATE					
Schedul	le Description									
Activity N	10.									
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			(Laural	# On		ZLEJUN 03			
			7	COVERNMENT OL	JALITY ASSURANCE MANAGER		DATE			
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		ODUCTION REPORT SHEETS IF NECESSARY)				Date: 06/07/03			
tract No.	Title and Location					Report No. 85			
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ENGLOSURE (o.)

		CONTRACTOR	QUALITY CONT	ROL REP	ORT		DATE		06-06-03
			ADDITIONAL SHEETS IF NECES				REPORT NO	Γ 	78
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT	TITLE P-254 Bach	nelor Enlisted Quarters	/ 32 nd Street Na	aval Station	ı, San Diege	10, CA
>	WAS PREPARA	TORY PHASE WORK PERFORM	MED TODAY?		YES 🗌	NO 🛛			
Ç.		FAND ATTACH SUPPLEMENTAL	L PREPARATORY PHASE CHECK	KLIST.					
PREPARATORY	Schedule Activity No.	Definable Feature of Work							Index #
A.R.									
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9 1									
									<u> </u>
	1	ASE WORK PREFORMED TODA			YES 🗌	ио 🛛			
	IF YES, FILL OUT	AND ATTACH SUPPLEMENTAL	_ INITIAL PHASE CHECKLIST.				····		
INITIAŁ	Activity No.	Definable Feature of Work				-			Index #
Ħ						_ - · · · · · · · · · · · · · · · · · · ·			
=	<u> </u>	 							
		-							+
	WORK COMPLIE	S WITH CONTRACT AS APPROV	WED DURING INITIAL PHASE?		·	YES	M	NO [1
]	S WITH SAFETY REQUIREMENT				YES	⊠ ⊠	NO [
	Schedule	Description of Work, Testing Pe	erformed & By Whom, Definable Fe	eature of Work, Sper	cification				<u> </u>
	Activity No.	Section, Location and List of Pe	ersonnel Present		 				
_	1-347 F1220	Neal Electric slab on grade east							
亨	F1240	G Force inspected reinforced co	cut rebar and torch strands down to) pile surrace					
FOLLOW-UP	\$0065	<u>t </u>	t plumbing in building, excavate for	building plumbing, f	ire and water service				
¥	F1225	PCS tied steel on walls east win							
Ö	1-310		rm, fabricate forms for footings, wa	all forms, fine grade					
ן ד	S0100	Iron Horse Grading export footin	ng spoils, hand pick trash out of spo	oils and supplied a fl	lagman				
İ									
1									
EWORK I Schedu	ا ماسن	TODAY (NOT CORRECTED BY	CLOSE OF BUSINESS)	REWORK ITEMS	S CORRECTED TODA	Y (FROM.REW	ORK TEM	S LIST)	
Activity		ስ 		Activity No.	Description				
					. 				
									
TANDES	C/Alex Evaluin An	Calley Us Chass Chasklist than	Franchista Angunga	mion Manuf Ran (2- 645 445				
REMARKS Schedu	ا مان		n From Above That Was Answered	"NO"), Manur. Rep C	Jn-Site, etc.				
Activity I		1							
							-		
							·		
	-								
					- 				
On behalf (of the contractor. I cr	ertify that this report is complete and o	correct and				<u> </u>		
equipment	and material used an	and work performed during this reporting the reporting the reporting the reporting and specifications to the best of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest of the rest	ing period is in	۱ (۲	7		`	506	.13.53
	noted in this report.	switgs and specifications to me occu-	Of thy knowledge	APTHORIZED OC	MANAGER AT SITE				13.03 DATE
		GOVERNMENT QUAL	LITY ASSURANCE REPO	RT	DA	TE			
		RESENTATIVE'S REMARKS AND	D/OR EXCEPTIONS TO THE REPO	JRT					
Schedu Activity N		l 							
									
				alana	IN DI			1	17JUN 03
				GOVERNMENT C	JUALITY ASSURANCE	MANAGER			DATE
					•				

COR	=	ODUCTION REPORT SHEETS IF NECESSARY)		Date: 06/0	15/10/37
act No.		Title and Location		Report No.	33 7
N68711-02-D-8013 DO #001		P-254 BEQ, Naval Station San Diego			
Subcontractor		Superintendents			
Soltek Pacific		Paul Cates, Keith Moss]	
AM Weather	PM Weather	Max Temp	*F	Min Temp	*F
Overcast	Overcast	70		65	
		WORK PERFORMED TODA	AY		
WORK PERFORM	ED TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision		SOLTEK	1 2	Safety Officer Superintendents	8 24
			1	CQC	9.5
lab on grade east wing		NEAL ELECTRIC		Journeyman Wireman:	24
				Apprentice	
tripped beam pockets in Me	ch. Rm. grouting	SOLTEK F.O.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Utility Tech Journeyman	10
owels, cut rebar, mixing grou		9321211.3.	1	mason	
			2	labors	16
		RULANTHIER (Sec.)	1	Carpenter App.	8
*'B**			1 114/3	a sapprentice	132
		RBF ENGINEERING	2.2	Surveyors 2	
Information artists			1.25	· chainman	Or person
inforced concrete inspection		G-FORCE	1 1 2 1 2 2 2	TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH of TECH o	* 5.118
nstall sleeves and connect p	olumbing in bldg. Q-	DSI PLUMBING	1	Foreman	8
excavate for bldg plumbing	, fire and water		4	Plumber	32
ervice			1 2	Operator Plumbing Apprentice	8 16
port on footing spoils, hand	picking trash	IRON HORSE GRADING	de la famer	Laborer	24
Y. MESTIC TO THE REPORT		ACCUMENTATION OF THE PARTY		Operator:	8
I setting east wing ties,	grade beam and	PCS	8	Journeyman	63
ap between 4-1 line, all pade started	iles built and	·	1 4	Foreman apprentice	3 32
	nels; form footing	UR CONSTRUCTION	1	* Superintendent	8
ur footings/strip; operate fo		TOTAL VIEW BILLS	1. W 8 4 4-75	😜 Journeyman Carpenter 💌	59
				Jabor	
6 7 <u>3 4 1</u> Turk tage 10 1			2 8	operator, Carpenter apprentice	
		BURCH	3	Drywaller	
		West Coast from Inc		de Ironworker 🖎 👻	
		Global(Erection **)		raipei	March March and March Str. Box Society and
		ALTERNATION CONTRACTOR CONTRACTOR		a to a control of the	
		BRADSHAW	1	FIRESPRINKLER	
			 		
WAS A JOB SAFETY M		DATE? YES YES NO	1		901
(If YES, attach or	opy of meeting minutes)	DATES FEBRUARY NO.	TOTAL WORK H	IOURS ON JOB SITE THIS DATE	412
(If YES, attach or WERE THERE ANY LOST If YES, attach copy of e			CUMULATIVE TOTAL OF WORK HO		
		· · · · · · · · · · · · · · · · · · ·	FROM PREVI	14451.75	
AS TRENCHING/SCAFFOLD/HV E					
YES, attach statement or checklist sh S HAZARDOUS MATERIAL/WASTE RELEA			TOTAL HOUR	RS FROM START OF	
YES, attach description of inc			CONSTRUCT		14863.75
ST SAFETY ACTIONS TAKEN T			19 9		UIREMENTS
				HAVE BI	EN MET
QUIPMENT/MATÉRIAL RECEIVI	ED TODAY TO BE INCO	RPORATED IN JOB			
INSTRUCTION AND PLANT EC	UIPMENT ON JOB SITE	TODAY, INCLUDE NUMBER OF HOU	RS USED TODAY		
and reinforced steel, fittings	, 972 loader, del #4 in	iside wall panels, wall horizontal ea		· •	
NTS 140 yrds	and 3 trucks went to dum				
		Keith Moss		///==== G-6	·0>
		SUPERINTENDENH	SEA?	DATE	<u></u>

	PREPAR	ATORY . ASE CH	IECKLIST	SPEC ION	i 7550	06-05-03	
CONTRACT	NO DEFIN	(CONTINUED ON SECOND PAGE) VABLE FEATURE OF WORK		SCHEDULE AC		INDEX#	
N6871	1-02-D-8013	Modified Bitumen Roo	fing (Mech Building)	RF	-110M ⁻	Enter Index# Here	
ALS PERSONNEL PRESENT	IF NO, WHAT ITEMS HA		POSITION Superintendent CQCM Project manager Superintendent AREICC Owner		NO COMPANY/GO Softek Pacific Softek Pacific Softek Pacific Softek Pacific Softek Pacific Softek Pacific Softek Pacific ROICCC Superior Roofin		
SUBMITTALS	Subcontractor has agreed and has ordered 5/8" Dens Deck CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.) COMMENTS: All material delivered complies with specifications and general requirements. The only exception is the ½" Dens Deck that will be replaced with 5/8" material						
MATERIAL STORAGE	ARE MATERIALS STORE		YES MO D				
SNO	DISCUSS PROCEDURE I	FOR ACCOMPLISHING THE	bcontractor, superintendent and I wal	ked the ich after a con	oral discussion on	expectations	
SPECIFICATIONS	CLARIFY ANY DIFFEREN		occiniacios, superinienten and i war	NOV THE JOS ATTER A SELL	ga uscession on		
PRELIMINARY WORK & PERMITS	i	WORK IS CORRECT AND PERMITS A					

	PREP	ARATORY PHASE CHECKLIST	SPEC SECTION 07550	DATE 06-05-03
CONTRACT N		(CONTINUED FROM FIRST PAGE) DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N68711	-02-D-8013	Modified Bitumen Roofing (Mech Building) O BE PERFORMED, FREQUENCY, AND BY Surface departs to the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	RF-110M	
	WHOM.	Surface dryness test.	Continuous inspection by G Force inspector.	
1				
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	WHEN REQUIRED	O? Continuous	· · · · · · · · · · · · · · · · · · ·	
i				
9	WHERE REQUIRE	D?		
TESTING				
Ë				
	REVIEW TESTING	PLAN.		
			· · · · · · · · · · · · · · · · · · ·	
	HAS TEST FACILIT APPROVED?	IES BEEN G Force is under contract to perform testing.		
	ACTIVITY HAZARD	ANALYSIS APPROVED? YES 🛛 NO		
	REVIEW APPLICAT	BLE PORTION OF EM 385-1-1. Safety manager has held his safety meetin	ng.	
SAFETY		<u> </u>		
AFE				
				·-····································
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	NAVY/ROICC COM	MENTS DURING MEETING.		
S L				
E E				·····
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8				
MEETING COMMENTS				
H.				
NA P				
	OTHER ITEMS OR I	DEMARKS.		
	OTTER TEMO OR	VEHPANCO.		
Ö				
SKS SKS				
E &				
RER				
OTHER ITEMS OR REMARKS				
`	·			
l				
		1×	වර	DATE
		QC MANAGER		DATE

	PREPAR	(CONTINUED ON SECOND PAGE)	ECKLIST	SPEC 1 ON	550	DATE 06-05-03		
CONTRACT	i	NABLE FEATURE OF WORK		SCHEDULE ACT	INDEX#			
N6871	1-02-D-8013	Modified Bitume	en Roofing	<u> </u>	110M	Enter Index# Here		
PRESENT	NOTIFIED NAME Keith Moss	48 HOURS IN ADVANCE.	POSITION Superintendent	YES 🔯	VES NO COMPANY/GOVERNMENT Soltek Pacific			
Ä	John Bayardo		СОСМ		Softek Pacific			
<u> </u>	Ben Bump		Project manager		Soltek Pacific			
	Paul Cates		Superintendent		Soltek Pacific	····		
PERSONNEL	Shannon Plummer Evan Serpanos		AREICC		ROICCC Superior Roofing Contractors			
RS	Evan Serpanos		Owner		Superior Rooting	Contractors		
PE				. .				
	J	AND/OR SUBMITTAL REGISTER. HAVE VE NOT BEEN SUBMITTED? NONE	ALL SUBMITTALS BEEN APPROVED	7		YES 🛛 NO 🗌		
SUBMITTALS	ARE ALL MATERIALS ON HAND? IF NO, WHAT ITEMS ARE MISSING? Subcontractor has agreed and has ordered 5/8° Dens Deck							
<u> </u>								
ns								
	1	BMITTALS AGAINST DELIVERED MATER Il delivered complies with specifications a	·			replaced with 5/8* material		
) 								
	ARE MATERIALS STORE	ED PROPERI Y2	YES 🛛 NO 🗌			······································		
MATERIAL STORAGE	IF NO, WHAT ACTION IS		123 24 110 11					
E 8				-				
MA ST(
	BENEAU EACH BARACE	APH OF SPECIFICATIONS						
	REVIEW EACH PARAGR	APH OF SPECIFICATIONS,						
40					 -			
SPECIFICATIONS	DISCUSS PROCEDURE FOR ACCOMPLISHING THE							
Ĕ	WORK. Subcontractor, superintendent and I walked the job after a general discussion on expectations							
<u>ŏ</u>				·····				
는 는	ļ			······				
P Ü								
S	CLARIFY ANY DIFFERENCES.							
				· · · · · · · · · · · · · · · · · · ·				
PRELIMINARY WORK & PERMITS	ĺ	WORK IS CORRECT AND PERMITS ARE TAKEN? Architect and ROICC have re-						
N ER								
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g Ö								
5								

	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM.	Continuous roof inspection required during entire installation
ĺ		
	WHEN REQUIRED?	
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<u> </u>		
ā	WHERE REQUIRED?	
TESTING		
昆		
·		
	REVIEW TESTING PLAN.	
ļ	HAS TEST FACILITIES BEEN APPROVED?	
I		
		res 🖾 NO 🗌
> -	REVIEW APPLICABLE PORTION OF EM 385-1-1. Section 21 sub sec	ctions 21.A.02 and 21.C.01 regarding fall protection was discussed.
SAFETY		
SAI		
•		
····	NAVY/ROICC COMMENTS DURING MEETING.	
COMMENTS		
¶ME		
O		
_		
MEETING		
H H		
Σ		
	OTHER ITEMS OR REMARKS:	
œ	When material and kettle was delivered to the job the subcontractor was subcontractor was told that no work would start until both items were ac	as informed that ½" Dens Deck was not acceptable and the propane line to the burner was leaking. At this point the addressed.
0 0		
" XX		
OTHER ITEMS OR REMARKS		
麻		
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Ŭ		
	<u> </u>	1
•	1	C MANAGER DATE
	7	OC MANAGER DATE



Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254) Project # N68711-02-D-8013, T.O. #0001

Tel: (619) 296-6247 Fax: (619) 296-0730

Prepara	tory Meeting	Meeting 1				Alexander
Date	Start	End	Next Meeting Nex	t Time Prepared By	Company	
6/5/2003	01:00 AM	01:30 AM		Diane Rose	Sottek Pacific	
Purpose			Location	Next Location	General Notes	
Mechanica	il Roof Preparato	ory Meeting	Softek Job Trailer			
Attended	1 Ву			Non-Attendees		
Soltek Pac	ific - Keith Moss					
Soltek Pac	ific - John Bayar	do				
Sottek Pac	ific - Ben Bump					
Soltek Pac	ific - Paul Cates					
ROICC Sa	n Diego - Shann	on Plummer				
Superior R	oofing Contracto	irs - Evan Sei	panos			
G-Force	John Thompson					
Western B	ay Sheet Metal 8	Marine INC	- Roy Lozano			
Item Me	eting Item De	escription		Resp Stat	tus Due Date Compl	'd Cls'd
New Bus	iness					·
Mechanic	cal Building	Submittal				
1-001	Approved sub- received copy		ted to G-Force, ROICC will ek.	Soltek		Yes
Sheet Me	etal					
1-002			g is completed. All materials wi on site to inspect materials and			Yes
Roofing						
1-003	G-Force will be workmanship, areas. This will sump thus drause a combination John Bayardo was called out mechanical but Each trade will be workmans will be will be workmans will be will be workmans will be workmans will be workmans will be workmans will be workmans will be workmans will be workmans will be workmans will be workmans workmans workmans will be workmans will be workmans will be workmans will be workmans will be workmans will be workmans with the workmans will be workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans with the workmans will be workmans	e onsite to ins Will use %" I I enhance the ining more ef tion of %" and mentioned the in the specification wo I be supplying	5/9/03, work will begin 6/10/03. spect materials and Dens Deck around the roof draiteroof system by creating a fectively. Evan asked if he could 1/4" Dens Deck to do the jobat one sheet of 5/8" Dens Deck cations. The installation of the ruld take approximately one day their own roof jacks.	ld C		Yes
1-004	and was imme	diately notifie	delivered half inch Dens Deck d. Subcontractor informed no aterial arrives onsite.	Superior Roofing		Yes

enclosurel

Page 1

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item M New Bu	eeting Item Description usiness	Resp Status	Due Date Compl'd Cis'd
1-005	Note #2, roof subcontractor was notified that the propane supply line on kettle is leaking. Subcontractor was told no work will begin until equipment is required.	Superior Roofing	Yes

Cc: Company Name	Contact Name	Copies Notes
Soltek Pacific	Ben Bump	1
Superior Roofing Contractors	Evan Serpanos	1
G-Force	John Thompson	1
Soltek Pacific	John Bayardo	1
Soltek Pacific	Keith Moss	1
Soltek Pacific	Paul Cates	1
ROICC San Diego	Shannon Plummer	1
Western Bay Sheet Metal & Mar INC	ineRoy Lozano	1

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

Prolog Manager

Printed on: 6/12/2003

Job 472

Page 2



ļ		CONTRACTOR QUALIT	Y CONTRO	OL REPO	ORT		DATE	············	06-05-03
ĺ		(ATTACH ADDITIONAL SHI					REPOR NO	T	77
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TITLE	P-254 Bache	for Enlisted Quarters	/ 32 nd Street Na	val Statio	n, San Diego,	CA
 -	WAS PREPARAT	ORY PHASE WORK PERFORMED TODAY?			YES 🔯	№ □			
≿	l .	AND ATTACH SUPPLEMENTAL PREPARATORY	PHASE CHECKLIST	<u>.</u>	,20				
PREPARATORY	Schedule	Definable Feature of Work		<u> </u>		- · · · · · · · · · · · · · · · · · · ·			Index #
₹	Activity No.	Installation of Mechanical Building roof membra	no						index #
₹	1011	installation of Weenanical Colliding fool Thembra							 -
L L									 -
P.									
	<u> </u>	1							<u> </u>
	ł	ASE WORK PREFORMED TODAY?			YES 🔲	NO 🔯			
		AND ATTACH SUPPLEMENTAL INITIAL PHASE O	CHECKLIST.						
AL.	Schedule Activity No.	Definable Feature of Work							Index #
NITIAL									
2									
							_		
	WORK COMPLIES	S WITH CONTRACT AS APPROVED DURING INIT	IAL PHASE?		<u> </u>	YES	\boxtimes	NO 🗆	
	WORK COMPLIES	S WITH SAFETY REQUIREMENTS?				YES	×	NO 🔲	
	Schedule	Description of Work, Testing Performed & By Wh	om, Definable Featur	e of Work, Speci	fication				
:	Activity No.	Section, Location and List of Personnel Present		·				 	
	1-347	Neal Electric slab on grade east wing				 			
ᆿ	F1220	Soltek Pacific stripped beam pockets for grout in	Mechanical Building,	grouted dowels,	cut rebar and torch s	trands down to	pile surfa	ce	
FOLLOW-UP	F1240	G Force inspected reinforced concrete							
Ō	S0065	DSI install sleeves and connect plumbing in buildi	ng, excavate for build	ing plumbing, fire	e and water service				
፲	F1225	PCS lay rebar in grade beams, dowels					,		
Ξ.	1-310	JR Construction layout edge form, fabricate forms		ns, pour footings	and strip forms				
	S0100	Iron Horse Grading export footing spoils, hand pic	k trash out of spoils	· · · · · · · · · · · · · · · · · · ·					
	l								
	·		· · · · · · · · · · · · · · · · · · ·						
-		TODAY (NOT CORRECTED BY CLOSE OF BUSI	NESS) R		CORRECTED TODA	Y (FROM REW	ORK ITE	VIS LIST) ·	
Sched Activity		1		Schedule Activity No.	Description				
REMARKS	(Also Explain Any	Follow-Up Phase Checklist Item From Above That	Was Answered "NO"), Manuf. Rep Or	n-Site, etc.			-	
Schedu									
Activity	No.		····						
									
									
									
									
			0						
		rtify that this report is complete and correct and d work performed during this reporting period is in	У	~		_		~_	
compliance		awings and specifications to the best of my knowledge	À	(-)	MANAGER AT SITE			<u> </u>	12.33 DATE
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ENGLOSURE (-)

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YES, attach description of inc	cident and proposed ac	tion)		CONSTRUCT			14050:75
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			Keith Moss			-11/10	·03
			Keith Moss SUPERINTENDENT	1/1/		DATE	<u> </u>

ENGLOSURE(

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

QC Meeting Meeting 8

Date Start End 09:00 AM

09:30 AM

Next Meeting : Next Time Prepared By 09:00 AM

John Bayardo

Company : Soltek Pacific

6/3/2003

5/27/2003 Purpose Location L

Next Location General Notes:

Weekly QC Meeting

Soltek Trailer

Soltek Trailer

Non-Attendees

Soltek Pacific - John Bayardo

Soltek Pacific - Ben Bump

Soltek Pacific - Keith Moss

Soltek Pacific - Paul Cates

Soltek Pacific - S. Cody

ROICC San Diego - Shannon Plummer

Item Meeting Item Description

Resp

Status Due Date Complid Cisid

No



Old Business

008-001

Plumbing:

Shaposhnick Plumbing has taken three potable water samples from the 10" main. One from each hydrant and valve. The west fire hydrant water test has failed. The south end of the existing six inch water main is suspect in causing the contamination. Two more liquid samples and solid particle samples were taken Friday for further testing. Once test results are available the entire 10" main will be re-chlorinated, re-purged and retested. The gas line installed west of the mechanical room has been

installed. Soil compaction testing will be performed Wednesday, Preliminary sewer testing is ongoing on the west tower, inspection of the 10" water main is ongoing.

Electrical:

Neal Electric has submitted the switchgear test documentation and Soltek Pacific will be issuing it to the Government within a business day.

Concrete Piles:

Inspection of concrete pile dowels is ongoing.

Concrete foundation:

Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has not released concrete mix 315093 and all Atlas concrete products

Rebar:

Inspection of all reinforcing steel is ongoing

Soltek Pacific has resubmitted for a different self

Prolog Manager

Printed on: 6/3/2003

Job 472

Item Meeting Item Description

Resp. Status Due Date Compi'd Cis'd

No

adhering water proofing for the exterior elevator walls. Janene Christopher AIA has approved the materials.

New Business

008-002

Plumbing: 1. Shaposhnick has the second water test results forthcoming. The gas line installed west of the mechanical building still needs a soils compaction test. Jim has stated that he will re compact soil within a work week so testing will pass. The hydrostatic test on the 10" water main from the project to Norman Scott will be performed this Thursday. Time to be arranged. Secondary air tests on first floor sewer systems will begin within a few days. During Mondays pour the 3"

sewer sleeves were centered over the individual sewers. Concrete Piles: Inspection of concrete pile dowel installation is ongoing.

- Concrete foundation: Inspection and testing of all concrete placed is ongoing. Hamid Liaghat has released the concrete mix design #315093 and all Atlas concrete products
- Rebar: Inspection of all reinforcing steel is ongoing
- A 7 foot 5 inch gap exists between center to center of piles within the grade beam along the #5 grid line. Hamid Liaghat has been contacted and will be onsite to review options - today @ 1300
- Missing #5 floor dowels between grid lines R and V were identified and placed prior to the pour Monday
- A CMU grout cell void has been found just below the structural steel within the mechanical building. Dry pack or the Atlas flowable grout will be used to address

- discuss of Harrid

- A continuous inspection was performed Monday as the metal deck was installed on the mechanical building. All work has passed.
- Inspections were performed on the elevator pit exterior walls waterproofing. All work has passed.
- 10. Soils tests have been ongoing on the backfill and compaction on the exterior walls of the elevator pit area.

Safety

008-003

- 1.) Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.
- 2.) MSDS are not being brought to Safety Manager.
- 2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.
- 4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.
- 5.) Safety meeting records, equipment checklists are due weekly.

No

ENCLOSURE

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Prolog Manager

Printed on: 6/3/2003

Job 472

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description Resp Status Due Date Compl'd Cis'd **New Business**

- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.

Safety Record

008-004

1.) One injury, (hand laceration), PCS employee reported for last week.

No

- 2.)Two employees terminated for unsafe acts last week.
- 3.) One employee received warning for unsafe act.4.) Report all injuries and accidents to Cody (619) 855-0128 immediately.

008-005

Νo

ROICC San Diego	Shannon Plummer	1
Soltek Pacific	John Bayardo	1
Soltek Pacific	Ben Bump	1
Soltek Pacific	Keith Moss	1
Soltek Pacific	Paul Cates	1
Soltek Pacific	S. Cody	1

Production Report P-254 Design Build Hi-Rise BEQ N68711-02-D-8013 DO #001

Mechanical Building

- 1. Neal Electric Panels & gear in electrical room.
- 2. Soltek Pacific -Fill beam block-out by 6/5/03.
- 3. DSI Need to install insulated pipe.
- 4. WCI-Roof deck completed 6/2/03.
- 5. Superior Roofing Tentative schedule is Monday 6/9/03

BEQ

- 1. JR Concrete Excavation of footings complete, Backfilling of elevator pit in progress. Poured first half of grade beams on east wing 6/2/03 will complete 6/4/03. Start backfilling of grade beams for SOG.
- 2. Neal -Start conduits in slab & below slab.
- 3. DSI Completing U/G @ w-wing.
- 4. Soltek Pacific- Grouting dowels, chipping piles.
- 5. PCS Steel in footings.

Site

- 1. DSI-Water main at Norman Scott has been installed need to pressure test, gas line Has been installed from north wing to mechanical building, Working with SDG&E for location of POC on mainline in Main street and schedule to install. Need to start sewer and storm drain on south side of north wing. Need to complete backfilling and relocation of spoils
- 2. Neal No activity.



Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

Date 5/27/2003		ext Meeting Next 3/2003 08:00	Time Prepared By Comp AM Paul Cates Soltek	
Purpose	Lo	ocation	Next Location Gener	ral Notes
Foreman C	coordination So	Itek Job Trailer	Soltek Job Trailer	
Soltek Paci Soltek Paci David Shap Neal Electr	I By Ific - Paul Cates Ific - Keith Moss Ific - Ben Bump Poshnick INC - James Christie Ific - Will Coyle Inst Steel INC - Ron Dorr		Non-Attendees	
	n Diego - Shannon Plummer			
	fic - John Bayardo			
	fic - Steve Cody			
Old Busi			Resp Status D design confirmed	ue Date Compi'd Cls'd
Fire tank			•	
003-003	The fire tank design has not been information regarding the fire tankweek.	nk will be provided later this	FYI	_ No
Living un	it mock-up		doors, lighting of switch	h locations Te
003-009	The Navy has requested that the completed by next week. Answe and metal framing moved at doo Plumbing waste will be changed	e living unit mock-up be is to electrical questions is and ceiling lights.	All Subs J	No
Site Safe	ty			
004-001	New Business 1. Excavations are being dug wi sloping and benching. 2. Backfill all excavations and trd. 3. PPE's are not being worn cord. Seat belts need to worn on all 5. Clean up trash, liter, waste, s Dumpsters are now on site. 6. Smoking allowed in designate 7. Non-compliance notice was is	enches as soon as possible. isistently. equipment at all times. crap and materials.	All Subs	No
	Safety Record	14 - 4 - 4 - 44 - 45		
	Non-compliance for safety will from site permanently!	i be dealt with by removal		
rolog Man		03 Job 472		Page 1 of 4

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description

Resp

Status

Due Date Compi'd Cls'd

Old Business

2. No injuries, accidents reported for last week.

3. Report all injuries to Cody (619) 855-0128.

Pour Schedule

JR Concrete issued a 3 week 'Look-ahead' concrete pour schedule for first floor footings at East and North wings.

(Neal and DSI have requested their time also be shown on

the "Look Ahead" schedule)

JR Construction

Ali Subs

On-going

On-going

On-going

for school to pove now the

Yes

X-overall sched will be updated will be

Production Report

004-003

004-002

Mechanical Bldg

1. Neal Electric- panels in the electric room

2. Soltek Pacfic-equipment pads complete, dry packing of

embeds to be completed 5/20

3. DSI-insulated pipe will be installed after BEQ footing are

poured

4. WCI-install beams and deck, to be scheduled

BEQ

1. JR Concrete-pouring GB3 and GB3A 5/20, excavating footings

2. Neal-mock up

3. DSI-completing U/G at West wing

4. Soltek-grouting dowels, chipping piles

5. PCS-steel in footings

Site

 DSI-continue with sewer and storm drain on West side, water main at Norman Scott, and gas line. Need to start sewer and storm drain on South side of West wing

2. Neal-underground conduit complete.

Shoring Plan

004-004 JR Concrete submitted a shoring plan, the plan is being

revised and a new submittal will be coming this week. The plan includes reshoring of each floor after shoring is removed. JRC requests that all subs layout/ install all deck embedded anchors and pans when decks ate ready for

rebar.

Sewer and Storm drain

004-005 DSI has removed one backhoe from the site. The sewer

and storm drain from the center core to the West wing may be delayed for about one week. DSI will continue footing excavation for North wing at JRC request. DSI and JRC will walk the storm drain P.O.C. 5/20 to determine area where materials need to be removed. (Water line complete 5/27/03, start sewer and storm drain 6/2/03 on the south

side of the East wing)

Fire Pump

004-006 DSI requested more information from Bradshaw Eng. on the fire pump layout. Paul Cates will provide information

the fire pump layout. Paul Cates will provide information 5/20. DSI would like to verify grade beam layout. (Neal

needs layout of fire pumps.)

Soltek, Paul Cates On-going

No

No

No

Rebar

004-007

PCS wants verification that link beams and zone rebar will fit in the perimeter walls. The rebar is detailed for 11" walls and should be fine according to Ben Bump, project

engineer. PCS added, the wall and column steel rises to

PCS, Soltek Pacific

JR Construction

JR Construction.

DSI

Yes

Prolog Manager

Printed on: 6/2/2003

Job 472

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Meeting Minutes Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Me	eting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
Old Busi	ness					
	32" above first floor in all walls. Until forms are removed there's very little access to first floor area. All subs need to complete their first floor work immediately after the first floor slab-on-grade is poured.					
Mech Blo	ig Roof and Deck					
004-008	Roof and metal deck for the mechanical bldg has been submitted for record. The deck will be installed in the first week in June and requires mech and plumbing penetration coordination. (roofing starts 6/9/03 and broiler package will be delivered 6/13/03)	FYI				No
Conduit						
004-009	Neal Electric installed 2"+ conduit below the Visqueen. All smaller conduits will be placed over bottom layer of rebar first floor slab. NEE will provide the coordinate drawings showing their conduits, lighting and cable trays for all subs to review. NEE requested submittal for all plumbing and mech equipment requiring electrical connections. (Skid pkg. layout has been received, copies will be given to DSI and Neal Electric)	All Subs				No
Wall form	s					
004-010	JR Concrete stated that the first floor slab edge forms are 12" high. The wall forms will be placed after the first floor pour and will move up the bldg in the same location. The interior forms will be removed and stored at the tower crane base until completion of the deck pours. JR will provide block out and rebar requirements for placing the boom at two locations.	FYI, JR Construction				Yes
First Floo	or Dowels	-				
004-011	PCS said all first-floor dowels stub up to 8'0" above first-floor. After exterior wall forms are installed the next lift is 32'0" (up to the top of the link beams/ third floor). PCS requests blockout information on placing the boom. Reveal 3/4" horizontals at link beams, reduce wall to 11", will verify details clear the 11".	Pacific Coast Steel, JR Construction		-		Yes
RFC Log						
004-012	All RFC's submitted by PCS have been answered.	FYI		`		Yes
Item Mee	ting Item Description	Resp	Status	Due Date	Compl'd	Cls'd
New Busi			20 TO TO THE BOOK CAPPER CLASS.	35.00,	Specification of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the	gase sure sile
Safety						
005-001	General safety issues were discussed by Steve Cody. Issues included; crane safety, trench shoring and back filling, safety glasses, dust control and trash control.	Steve Cody				No
Neal Elec	tric					
005-002	Neal Electric requested elevation of exterior lights. The architect confirmed a 9'-6" to center line above finish floor for exterior lights. Will Coyle requested that Neal Electric be scheduled 2 days per wing for conduits in concrete floors.	Neal Electric				No
David Sha	poshnick					
Javid Sile						

Prolog Manager

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Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Me	eeting Item Description	Resp .	Status	Due Date	Compl'd	Cls'd
005-003	DSI requires 2 days per wing to complete first floor under slab plumbing after removal of templates for pile caps and grade beams.	DSI	·			No
Pacific (Coast Steel					
005-004	PCS requests 3 days after slabs are poured to complete perimeter walls, shearwall and columns. PCS intends to prefab all perimeter wall rebar in 30' segments. Ron requires the area 28' west of east wing for prefabrication, Soltek to verify. Rebar for the east wing wlls is scheduled for delivery June 9. Standard coordination of concrete deck pours include time for shoring electric and plumbing layout and sleeve placement prior to rebar installation. Additional rebar is required for the large fire water and domestic water pipe sleeves.	Pacific Coast Steel, Soltek				No
Neal Elec	ctric					
005-005	Neal Electric has supplied a typical room and corridor elevation drawing for subcontractor coordination. Other trades are required to complete layout of their installation. Will expressed concerns about Neal's time shown on the schedule for their installation. Will requests electrical information for all appliances and equipment supplies by the government.	Neal Electric				No

Cc:	Company Name	Contact Name	Copies	Notes
	Soltek Pacific	Ben Bump	1	
	ROICC San Diego	Shannon Plummer	1	
	Soltek Pacific	John Bayardo	1	
	Soltek Pacific	S. Cody	. 1	
•	David Shaposhnick INC	James Christie	1	
	Soltek Pacific	Keith Moss	1	
	Soltek Pacific	Paul Cates	1	
	Neal Electric	Will Coyle	1	
	Pacific Coast Steel INC	Ron Dorr	1	

These minutes have been transcribed by Soltek Pacific's field representative and reflect their impressions of the issues discussed in the meeting. Should there be any objections to the content of this report, or should any participants discover mistakes, discrepancies or deficiencies herein, notify the writer within 8 calender days of the date printed on this report; otherwise the content will be considered an accurate record of the meeting.

ENCLOSURE (

Prolog Manager

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Tuesday 6-3-03

New Business- Safety

Topic: Weekly Site Safety Issues by S.Cody- Soltek Pacific Safety Manager

- Several violations of Fall Protection policy were witnessed. (JR Concrete, West Coast Steel). Reminder that ANY worker at or above 6' MUST be tied off.
- 2.) MSDS are not being brought to Safety Manager.
- 2.) Notice of Non-Compliance was issued for poor excavation safety. Two employees were fired for this.
- 4.) Operator was observed operating Bobcat in a dangerous manner. Please remind all operators to use caution when operating equipment. It is a privilege to operate equipment, not a right.
- 5.) Safety meeting records, equipment checklists are due weekly.
- 6.) Suggested topics for subcontractor safety meetings can come from this agenda.
- 7.) Clean-up trash, litter, waste, scrap and materials. Dumpsters are now on site. Lunch litter is still a problem.
- 8.) Smoking allowed in designated areas.

9.)

Old Business-Safety

Topic: Safety Record

- 1.) One injury, (hand laceration), PCS employee reported for last week.
- 3.) Two employees terminated for unsafe acts last week.
- 4.) One employee received warning for unsafe act.
- 5.) Report all injuries and accidents to Cody (619) 855-0128 immediately.

6.)





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HASE	WAS PREPARATORY PHASE WORK PERFORMED TODAY? IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST Schedule Activity No. Definable Feature of Work WAS INITIAL PHASE WORK PREFORMED TODAY? IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST. Schedule Activity No. Definable Feature of Work WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES NO WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE?	s / 32 nd Street Na	val Station, San Di	ego, CA					
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				ature of Work, Spec	cification				
}			Some Tesen						
	F1220		ean up site, cut rebar and torch str	ands down to pile s	urface, water site for	dust control			
?	F1240	G Force inspected reinforced cor	ncrete, sample high psi grout mix fo	or dowels					
-OLLOW-UP	S0065	DSI install sleeves and connect p	olumbing in building, install, backfil	f gas and water line	s to mechanical buil	ding			
ן ב	F1215	Cement Cutting Inc. saw cut 7 pi	es					~	
2	F1225	PCS lay rebar in grade beams							
	1-310	JR Construction fabricate forms	or footings, wall forms, pour footing	gs and backfill					
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Production Report P-254 Design Build Hi-Rise BEQ N68711-02-D-8013 DO #001

Mechanical Building

- 1. Neal Electric Outage Monday went as planed.
- 2. Crown Fence-Installing chain link fence today.
- 3. Soltek Pacific -, Needs to pour equipment pads
- 4. Schwartz- Laying cmu, grouted second lift, working on final lift.
- 5. DSI Underground completed or sanded for future installation

BEQ

- 1. RES will be completed Wednesday.
- 2. JR Concrete started elevator pit, will pour today.
- 3. Neal to completed electrical run from Mechanical Bldg to electrical room on Saturday.
- 4. DSI Starting UG @ bldg pad
- 5. Soltek Pacific- Grouting dowels.
- 6. PCS Steel in footings @ elevator pit.

Site

- 1. DSI- finished storm and sewer N & E side of bldg, starting S & W side.
- 2. Neal Under ground main 99%

JR TO START EXCAVATION ON SOUTH WING 12 MAY -> N 9 DAYS FOR ENTIRE WING



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Contract No.		Title and Location		Report No.	62
1-02-D-8013 DO #001		P-254 BEQ, Naval Station San Dieg	n	MClad. Hippycol Var best Allenaus v 1966. sa. ia j	the same to the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sa
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"			2	Superintendents	19.5
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Elect. Room; M-line to H-line	Medi, Dog to Maii	NEAE ELEVIRIO		Apprentice	8.7.7.8
	197.581.280.2020		was a comment of the contract of the contract of	Utility Tech	4
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notali loggoro			- - - 	Journeyman Carpenter	1
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Flush 10" water main loop,	plumbing excava-	DSI PLUMBING	1	Foreman	8
ons inside bldg, E-wing. Grid			4	Plumber	31
nd install 12" S-storm drain. reventors, slurry POC and S			1 3	Operator Plumbing Apprentice	8 24
rove last 8 piles, break dowr	nrig:	RESTAITE ENG.		PD FOREMAN	8:577
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		BRADSHAW	1	FIRESPRINKLER	
WAS A JOB SAFETY M	LEETING HELD THIS D	ATE? YES X NO	- 		
(If YES, attach or	opy of meeting minutes)		TOTAL WORK H	OURS ON JOB SITE THIS DATE	416.75
WERE THERE ANY LOST If YES, attach copy of e					
ි & lif YES, attach copy of e	nvironmentai OSHA rej	port)	FROM PREVIO	TOTAL OF WORK HOURS	8521.25
 /AS TRENCHING/SCAFFOLD/HV EI	LECTRICAL/HIGH WORK D	ONE? YES X NO	T KOM T KEY	300 1121 0111	1471.OHBULEONA
YES, attach statement or checklist she	- • • •				
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		Keith Moss SUPERINTENDENT		DATE	700
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PHASE	CONTRACT NO	N68711-02-D-8013		<u> </u>	lor Enlisted Quarter	s / 32 nd Street Na	NO Ival Station,	San Diego, C	
	WAS PREPARAT	ORY PHASE WORK PERFORMED	TODAY?		YES 🗍	ио 🛛			
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}	Schedule Activity No.	Definable Feature of Work							index #
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	WORK COMPLIES	WITH CONTRACT AS APPROVED	DURING INITIAL PHASE?	···········		YES	×	NO 🗆	
	WORK COMPLIES	WITH SAFETY REQUIREMENTS?				YES	☒	ио 🗌	
	Schedule Activity No.	Description of Work, Testing Perform Section, Location and List of Person		ure of Work, Speci	fication				
	1-347	Neal Electric underground duct bank		in electrical room I	VI line to H line				
	F1215 - S0155	G Force inspector onsite to observe				e RC testing, ele	ectrical tren	ch	
FOLLOW-UP	F1215	RE Staite drove 8 concrete piles.					•		
ð	S0114 ~ S0065	5 DSI Plumbing flushed 10" water main loop, plumbing excavation within east wing, excavate and install 12" storm drain, install backflow predrain							lurry POC / storm
7	F1210	JR Construction form for elevator SC	OG .						
요 [S0155	Schwartz Masonry lay block							
	F1225	Pacific Coast Steel lay rebar in elevator slab and walls							
}	S0175 F1235-S0155	Crown Fence framed, stretched fence, hung gate Soltek Pacific layout for installing ledgers, removed dirt for PCS and RE Staite, chipped concrete piles to appropriate elevation							
ŀ	11200-00100	RJ Lanthier installed exhaust, fresh air, and dryer vents in mock up							
ŀ									
RÉWORK	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLC	SE OF BUSINESS)	REWORK ITEMS	CORRECTED TOD	Y (FROM REW	ORK ITEMS	S LIST)	
Schedu Activity I				Schedule Activity No.	Description				
REMARKS Schedu		Follow-Up Phase Checklist Item From	n Above That Was Answered "N	O"), Manuf. Rep O	n-Site, etc.				
Activity N									
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On behalf o	f the contractor, I cer	tify that this report is complete and correc	et and	1 3	•				
		I work performed during this reporting pe wings and specifications to the best of my		7. 5	()	೦೩ .	19.03
except as no	oted in this report.		A	UTHORIZED OC N	MANAGER AT SITE				DATE
MIAI ITW AC	COLIDANCE DEDO	GOVERNMENT QUALITY			D.	ATE			
Schedul	e Description	ESENTATIVE'S REMARKS AND/OR	EACEPHONS TO THE REPORT	I					
Activity N	lo.	· · · · · · · · · · · · · · · · · · ·							
									
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Contract No.		Title and Location	Report No. 61 Am	engment 🚓		
1-02-D-8013 DO #001		P-254 BEQ, Naval Station San Dieg	Diego			
Contractor		Superintendents	1			
Soltek Pacific AM Weather	PM Weather	Paul Cates, Keith Moss Max Temp		Min Temp	*F	
				1	•	
Overcast	Overcast	WORK PERFORMED TOD		55		
WORK PERFORM	ED TODAY	EMPLOYER	NO.	TRADE	HOURS	
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re-planning of job and QC n		NEAL ELECTRIC	2	Journeyman Wireman	12	
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ayout for ledgers, embed pr	eping (drill 1/4"	SOLTEK F.O.	22-7/18-5-7	Foreman	6	
ole in ledgers) Set grout and in for PCS, chipped concret			4	Mason labors	25.5	
17 - A		[] [] [] [] [] [] [] [] [] [] [] [] [] [Journeyman Carpenter		
				Carpenter Apprentice mason apprentice		
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ons inside bldg, East wing. C	Grid W-R. Excavate		4	Plumber	29.5	
id install 12" S-storm drain.		his will impact out performance	1 3	Operator Plumbing Apprentice	8 24	
ove piles.		Parametrice RESTAITEENG		PD FOREMAN	\$5.10:5 _{.5.6}	
TE Hit obst On pile #1		January Market 2		Operator Operator	10.5%	
ie 7 cap on line 1at sar			3	PD Mechanic	31:5	
ev pit beam, wall dowels. Ac	dded beam dug	PCS	3.0	Journeyman	25.5	
mproperly, Soltek fix again: 30 and work:5 hours overting				Foreman (
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eel (emplate) pour footings		H. W. College Ass. (College Asset) and		Journeymani Carpenter Abor 200	16	
C. 100		AND AND AND AND AND AND AND AND AND AND		Carpenter/apprentice		
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WAS A JOB SAFETY M	IEETING HELD THIS [opy of meeting minutes)	DATE? YES NO	TOTAL WORK H	OURS ON JOB SITE THIS DATE	392	
WERE THERE ANY LOST	TIME ACCIDENTS THIS					
f YES, attach copy of e	nvironmental OSHA n	eport)		TOTAL OF WORK HOURS OUS REPORT	8128'25	
 AS TRENCHING/SCAFFOLD/HV EI	LECTRICAL/HIGH WORK	DONE? YES X NO	PROWPREVIO	JUS REPORT	0120.23.5	
YES, attach statement or checklist sh	owing inspection performed)		HAUS	0 = 0 0 1 0 T 1 D T 0 C	Toward and another whom an expension	
s hazardous material/waste relea YES, attach description of inc		2044-24-24-20	CONSTRUCT	S FROM START OF	8520.25	
ST SAFETY ACTIONS TAKEN T			1001101110011	VES SAFETY RE	QUIREMENTS	
UIPMENT/MATERIAL RECEIVE	ED TODAY TO BE INCO	RPORATED IN JOR		HAVE B	EEN MET	
piles, fittings, concrete mix d	lesign #304090-4000	psi				
		E TODAY, INCLUDE NUMBER OF HOL				
NTS WE WAR	iei spotter reeds,2 Pe	ettibones, 3 backhoes, bobcat, water	er truck		7 7 7	
				1-12	t < 0.5	
		Keith Moss C SUPERINTENDENT	1	DATE		

			QUALITY CONTR		ORT		DATE REPORT	05-06-03		
GUACE	CONTRACT NO	· · · · · · · · · · · · · · · · · · ·	DDITIONAL SHEETS IF NECESSA	···		Maa	NO	54		
PHASE		N68711-02-D-8013		E P-254 Bache			aval Station, San Dieg	10, CA		
l≽	1	FORY PHASE WORK PERFORME TAND ATTACH SUPPLEMENTAL I	D TODAY? PREPARATORY PHASE CHECKLIS	er e	YES 🗌	ио 🔯				
PREPARATORY	Schedule	Definable Feature of Work	THE ALATON TIMOL OFFICER	JI.				Index #		
	Activity No.	Demiable realule of work						11000		
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	WAS INTIAL PH	ASE WORK PREFORMED TODAY	?		YES 🗌	мо 🔯				
		AND ATTACH SUPPLEMENTAL I	NITIAL PHASE CHECKLIST.		 -					
F	Schedule Activity No.	Definable Feature of Work						Index #		
NITIAL										
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	WORK COMPLIE	S WITH CONTRACT AS APPROVE	ED DURING INITIAL PHASE?	···		YES	⊠ NO [1		
		S WITH SAFETY REQUIREMENTS				YES	Ø № [
	Schedule		ormed & By Whom, Definable Feati	ure of Work, Speci	fication					
}	Activity No.	Section, Location and List of Pers Neal Electric preplanning of job a								
	F1215 - S0155			allation, reinforced	concrete and maso	nry inspection				
֓֞֝֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	F1215	G Force inspector onsite to observe blow counts on concrete pile installation, reinforced concrete and masonry inspection RE Staite drove 18 concrete piles. Ran into 3 obstructions approximately five feet down.								
FOLLOW-UP	S0114 - S0065	DSI Plumbing added valve to west hydrant, plumbing excavation inside building on east wing, excavate and install 12' storm drain, install bac						w preventors		
Ţ.	F1210	JR Construction steel template and pour footings								
요	\$0155	Schwartz Masonry lay block								
	F1225 S0175	Pacific Coast Steel lay rebar in added beam Crown Fence framed and stretched fence								
ŀ	F1235-S0155	Soltek Pacific layout for ledgers, embed prepping, set grout and dowels, removed dirt for PCS and chipped concrete piles to appropriate elevation								
		, and only of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon								
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		TODAY (NOT CORRECTED BY C	LOSE OF BUSINESS)	REWORK ITEMS	CORRECTED TODA	Y (FROM REW	ORK ITEMS LIST)	· · · · · · · · · · · · · · · · · · ·		
Schedu Activity I		1		Schedule Activity No.	Description					
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Schedu	_		rom Above That Was Answered "No	U), Manur. Rep O	n-Site, etc.					
Activity N	lo. Description					·····	· 			
										
				 						
				2						
		tify that this report is complete and cond work performed during this reporting		\sim			~~ .~~			
compliance		wings and specifications to the best of	my knowledge	4m 1000 200 000 4	MANAGER AT SITE			. 19.03		
except as it	oted in dis report.	CONEDNMENT OHAL	TY ASSURANCE REPORT	} -		ATE		DATE		
QUALITY AS	SURANCE REPR		OR EXCEPTIONS TO THE REPORT			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
Schedul Activity N	e Description									
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			4	OVERNMENT OU	ALITY ASSURANCE	E MANAGER		DATE		

1		CONTRACTOR			ORT		REPORT	04-23-03	
		(ATTACH A	ADDITIONAL SHEETS IF NECE	SSARY)			NO	43	
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT	FTITLE P-254 Bach	elor Enlisted Quarter	s / 32 nd Street Na	val Station, Sa	n Diego, CA	
—	WAS PREPARAT	ORY PHASE WORK PERFORME	D TODAY?		YES 🗌	ио 🛛			
PREPARATORY		AND ATTACH SUPPLEMENTAL	PREPARATORY PHASE CHE	CKLIST.					
١ĕ	Schedule Activity No.	Definable Feature of Work						Index#	
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	l	SE WORK PREFORMED TODAY			YES 🗌	ио 🔯			
		AND ATTACH SUPPLEMENTAL I	NITIAL PHASE CHECKLIST.						
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INITIAL									
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		S WITH CONTRACT AS APPROVI				YES		o 🗀	
i		S WITH SAFETY REQUIREMENTS				YES	⊠ N	<u> </u>	
	Schedule Activity No.	Description of Work, Testing Perl Section, Location and List of Pers		Feature of Work, Spec	cification			1	
		Cloudy A.M./ Clear P.M.	··· ·				,		
<u>a</u>	S0114	DSI- Excavate for sewer main							
FOLLOW-UP	SE-115	Neal Electric reworking conduits	at slab on grade for rebar in Me	ech. Bldg.					
ð	SE-130	Neal Electric megger tested grou	nd rod at tower crane, written r	eport to follow					
날	F1215	RE Staite drove 24 piles							
요	F1215	G Force inspector onsite, observed soils, pile blows and rebar							
-	1-300	JR Construction layout, wall block outs							
	1-300	Pacific Coast Steel installs rebar for Mech. Bldg.							
' ļ	 	Burch Construction Build up walls	s for mock-up	· · ·					
									
RFWORK I	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY C	CLOSE OF BUSINESS)	IREWORK (TEMS	CORRECTED TOD	AY (FROM REW	ORK (TEMS L	sn sn	
Schedu	ule Description	•	DEGGE OF DOGINESS)	Schedule	Description	re greenerate	Otto III III II	-',	
Activity I	No.	·		Activity No.					
					 				
REMARKS	(Also Explain Any	Follow-Up Phase Checklist Item F	rom Above That Was Answere	ed "NO"). Manuf. Rep C	On-Site. etc.				
Schedu	ile Description			,,					
Activity I	No.								
									
									
				1	_				
On behalf o	of the contractor, I ce	tify that this report is complete and co	prect and		7				
equipment:	and material used an	I work performed during this reporting wings and specifications to the best of	g period is in		<u> </u>	دہر	c'	55.03	
	oted in this report.	mango and special states to the best of	Thy blowledge	AUTHORIZED OC	MANAGER AT SITE			DATE	
		GOVERNMENT QUALL	ITY ASSURANCE REP	ORT	D	ATE			
		ESENTATIVE'S REMARKS AND/	OR EXCEPTIONS TO THE REI	PORT			•		
Schedul Activity N									
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					UALITY ASSURANCE	E MANAGER		OUNGLY OS	
		· · · · · · · · · · · · · · · · · · ·							

JOGN/JH/OF



New Business

Topic: Weekly Safety Topics by S.Cody-Soltek Pacific Safety Manager

- 1. Minimum Personal Protective Equipment to be used on site:
- Hardhat
- Vest working around equipment
 Safety glasses as necessary
- Work boots- no tennis shoes
- Long pants- no shorts
- Hearing protection- as necessary
- Hand protection- as necessary
- 2. Report all injuries and accidents immediately to Cody (619-855-0128) & your supervisor.
- 3. Operators of forklifts shall have proof of forklift training.
- 4. Traffic Flaggers shall have proof of training.
- 5. Parking for site personnel is on the street!
- 6. Housekeeping is a constant issue, clean up all trash, cans, bottles, paper, dunnage, and packing material, etc.
- 7. Bring or obtain an MSDS for all materials brought on site.
- 8. Extension cords continue to be used across vehicle traffic areas. Protect or remove them.

New Business-

Topic: Safety Record

Weekly BBQ will continue as long as there are no injuries/accidents!

New Business

Topic: Progress Schedule Keith and Paul



New Business

Topic: Inspections / Submittals

G Force continues to perform daily pile installation reports along with soils testing for all trench work.

QC Submittal review: Water main steel tapping sleeves, Mechanical Building concrete mix design, Mechanical Building CMU.

Structural Engineer review: pile cap shop drawings, Mechanical Building yard, pile dowel shop drawings, concrete mix design, concrete admixtures

ROICC review:

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Prolog Manager

Printed on: 4/25/2003

Job 472

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

OC Man	time Bloodie						
vana a mandra anno anno anno anno anno anno anno an	ting Meeting						
Date		End •	Next Meeting - No	xt Time	Prepared By	Company	
4/15/2003	09:00 AM	09:30 AM	4/22/2003 0	9:00 AM	John Bayardo	Soltek Pacific	
Purpose						General Notes	
			Location **		d Location	General Notes	
weekiy Q	C Meeting		Soltek Trailer	5011	ek Trailer	,	
Attende	d By			Nor	Attendees		
J.R. Cons	truction, Inc J	esse Ortega			,		
R.E. Stait	e Engineering, I	nc John Dra	ake				
Neal Elec	tric - Philip Linze	ә у					
David Sha	poshnick INC -	James Christ	ie				
Southwes Plummer	t Division - Sout	thbay Area Fo	cus Team - Shannon				
Soltek Pa	cific - Carl Spiro	n					
Soltek Pa	cific - John Baya	ardo				•	
Soltek Pa	cific - Ben Bump)					
West Coa	st Countertops,	INC - Bert Sc	hulz				
West Coa	st Countertops,	INC - Hermar	n Kopf				
Soltek Pa	cific - Steve Coo	ly					
Soltek Pa	cific - Paul Cate:	S					
Itom Mo	eting Item De	sedation.		 Dog	p Sta	tus Due Date C	ompl'd Cis'd
Old Busi	_	<u>scription</u>		e to the	р	ius	ombira sois a'
Old Busi	11035						
Normal v	vork hours ar	nd days					
001-001			Drake from RE Staite onsider starting at 6:30am	All S	subs		No
Saturday	Work						
001-002		by noon, Wed	Inesday prior to any Saturo	lay Ali S	ubs		No
Request	for late work	days					
001-003). Jesse Orteg	all requests for late work d ga with JR Construction wil om		e Ortega (JRC)		No
Testing a	and Inspectio	ns					
001-004			all testing and inspections	Ali S	ubs		No
00000	A						
Off-Site V		la ha araaad-	d by 2 wook patter to	A 11 0	le a		A1.
001-005	contracting of		d by 2 week notice to	All S	uds		No

Page 1 of 3

Item Meeting Item Description Resp Status Due Date Compl'd Cis'd

Old Business

'G' Submittals

001-006

All 'G' Submittals require a minimum of 25 work days to be approved. Shannon agrees that 25 working days is realistic. All Subs

No

Pile Driving Equipment

001-007

65 feet minimum between Pile Driving Equipment and other site work is required. John Drake adds, ideally, 100

All Subs

Nο

feet should be standard

Item Meeting Item Description Resp Status Due Date Compl'd Cls'd

New Business

Daily Reports

002-001

Daily reports to be kept current, John and Keith will work together to bring all Dailies up to date

Keith Moss (SOL); John Bayardo (SOL) No

Work in Progress

002-002

DSI continues to install the new fire line. Trenching was hindered by a sand lense approximately 2' below grade in the NE corner of the project. The subcontractor was forced to use a shoring system to maintain safety. Neal Electric continues to install the main underground electrical conduit systems. Initially the subcontractor had to rethink the path of the conduit systems originating for the main vault due to a large amount of preexisting utilities within the proposed path.

RE Staite continues to install the concrete piles. Currently the installation stands at approximately 75 piles installed. Two potential problems exist. The first is pile #1330, it has been driven 1 meter low. The structural engineer, Hamid Laighat, will be contanted to see if a build up option exists. The second is pile #1165, the top of the pile has broken. Further investigation is required to discuss options.

JR Construction continues to build up the foundation for the tower crane. The rebar for the foundation will be ready for inspection late Wednesday. The foundation will be poured Thursday. Hamid Liaghat (FLC); RE Staite; JR Construction; Neal Electric; DSI

All Subs

No

Safety

002-003

- 1. Crane inspections: The PWC inspect all cranes prior to use on site. This includes, truck-mounted cranes that deliver and set shoring, concrete vaults, or any related equipment.
- 2. Temporary Service Power Cables: Temp. Power Cables must be protected from heavy traffic or equipment. Fed-OSHA Reg. #1926.408(a)(ii)(c). Fine is considered serious.
- 3. No smoking allowed, except in designated areas.
- 4. Saw Guards: All saws must have an operational guard in place during use. Any employee using a saw with out an operational guard, or if the guard has been intentionally disabled, will be subject to permanent removal fron this job. This is specified in EM383 1.1 and

No

Prolog Manager

Printed on: 4/25/2003

Job 472

Page 2 of 3

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description: Resp. Status Due Date Compl'd: Cls'd

New Business

Fed-OSHA #1917.151, machine guarding which includes saws and grinders. Fine is considered serious.

5. SWPPP: Best Management Practice (BMP) for this project is the management of concrete wash out of the site. The EPA fine for this activity is \$50,000.00/ per day for the potential pollution of the site and the storm water system. A concrete truck was observed washing out onto the dirt soils pile yesterday.

Progress Schedule

002-004

Keith and Paul

Keith Moss (SOL); Paul Cates (SOL) No

Inspections/ Submittals

002-005

G Force continues to perform daily pile installation reports along with soils testing for all trench work.

All Subs

No

QC submittal review: concrete additive is under review

Structural Engineer review: Pile cap shop drawings are under review.

ROICC review: concrete mix designs are under review.

SIMULTANIOUS REVIEW ON ALL 'G' SUBMITTALS.

Gc: Company Name	Contact Name	Copies Notes
Soltek Pacific	Carl Spiron	1
David Shaposhnick INC	James Christie	1
J.R. Construction, Inc.	Jesse Ortega	1
Soltek Pacific	John Bayardo	1
R.E. Staite Engineering, Inc.	John Drake	1
Neal Electric	Philip Linzey	1
Southwest Division - Southbay Area Focus Team	Shannon Plummer	1
Soltek Pacific	Ben Bump	1 .
West Coast Countertops, INC	Bert Schulz	1
West Coast Countertops, INC	Herman Kopf	1
Soltek Pacific	Paul Cates	1
Soltek Pacific	Steve Cody	1

Prolog Manager

Printed on: 4/25/2003

Job 472

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QC Meeting #2 04-15-03

New Business

Topic:

Daily Reports need to be kept current

Action:

John and Keith will work together to bring all daily's up to date

New Business

Topic: Work in progress

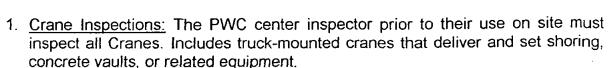
- Shaposhnick Plumbing continues to install the new fire line. Trenching was hindered by a sand lens approximately 2 feet below grade in the northeast corner of the project. The subcontractor was forced to use a shoring system to maintain safety.
- Neal Electric continues to install the main underground electrical conduit systems. Initially the subcontractor had to re think the path of the conduit systems originating from the main vault due to a large amount of pre existing utilities within the proposed path.
- RE Staite continues to install the concrete piles. Currently the installation stands at approximately 75 piles installed. Two potential problems exist. The first is pile number 1330. It has been driven 1 meter low. The structural engineer Hamid Liaghat will be contacted to see if a build up option exists. The second is pile number 1165. The top of the pile seems to have broken. Further investigation is required to discuss options.
- JR Construction continues to build up the foundation for the tower crane. The rebar for the foundation will be ready for inspection late Wednesday. The foundation will be poured Thursday.

Friday > Concerned about digging elections pad a elevator pit -> soil



New Business

Topic: Safety / Carl's sheet



- 2. <u>Temporary Service Power Cables:</u> Temporary Power cables must be protected from heavy traffic or equipment. Fed-OSHA Regulation 1926.408(a)(4)(ii)(c). Fine is considered serious.
- 3. No Smoking allowed on except in designated areas.
- 4. <u>Saw Guards:</u> All saw must have operational guards in place. Any Employee using a saw with out an operational guard, or the guard has been intentionally disabled will be subject to permanent removal from this job. This is specified in EM383 1.1 and Fed-OSHA 1917.151 machine Guarding which includes Saws and Grinders. The fine is considered serious.
- 5. <u>SWPPP:</u> One of the major BMP's (Best Management Practice) for this project is the management of Concrete wash out on site. The EPA fine for this activity is \$50,000 per day for the potential pollution of the site and the Storm Water System. A concrete truck was observed washing out onto the dirt spoils pile yesterday.

New Business - parking of site

- Steve Cody taking over for Carl - Contx inspections
Topic: Progress Schedule Keith and Paul

- hydro test w/ Sam & calante

- tie in w/ bonard

New Business

Topic: Inspections / Submittals - "G" submits to be reviewed at same time as AlE

G Force continues to perform daily pile installation reports along with soils testing for all trench work

QC Submittal review: concrete additive submittal is under review

Structural Engineer review: pile cap shop drawings are under review

ROICC review: concrete mix designs are under review

Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Job 472-B.E.Q.s Naval Station S.D., CA (P-254)

Project # N68711-02-D-8013, T.O.

#0001

Tel: (619) 296-6247 Fax: (619) 296-0730

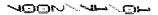
		rei: (619	290-0247	rax. (019) 290-07	30	
QC Mee	ing Meeting 1					
Date	Start End	Next Meeting Next	Time. Pre	pared By	Company	
4/8/2003	09:00 AM 09:30 AM 4	4/15/2003 09:00	AM John	Bayardo	Soltek Pacific	
Purpose		Location	Next Loc	ation :	General Notes	
Weekly Q	C Meeting S	Soltek Trailer	Soltek Trai	ler		
Attended	l By		Non-Atter	ndees		
J.R. Cons	truction, Inc Jesse Ortega					
R.E. Staite	Engineering, Inc John Drak	е				
Neal Elect	ric - Philip Linzey					
David Sha	poshnick INC - James Christie					
Southwest Plummer	Division - Southbay Area Foci	us Team - Shannon				
Southwest	Division - Southbay Area Foc	us Team - Eric Wolff				
Soltek Pad	cific - Carl Spiron					
Soltek Pad	cific - John Bayardo					
Item Me	eting Item Description		Resp	Status	- Due Date Compl'd∗	Cls'd
4/8/2003 09:00 AM 09:30 AM 4/15/2003 09:00 AM John Bayardo Soltek Pacific Purpose						
Normal v	vork hours and days					
001-001			John Drak	e (RSE)		No
Saturday	Work					
001-002		esday prior to any Saturday	All Subs			No
Request	for late work days					
001-003	(beyond 5pm). Jesse Ortega	with JR Construction will	Jesse Orte	ga (JRC)		No
Testing a	and Inspections					
001-004	48 hour notice required for a	Il testing and inspections	All Subs			No
Off-Site V	Vork					
	Off-site work to be preceded	by 2 week notice to	All Subs			No
'G' Subm	ittals					
001-006	be approved. Shannon agree		All Subs			No

Prolog Manager

Printed on: 4/24/2003

Job 472

Page 1 of 2



Meeting Minutes

Detailed, Grouped by Each Meeting and by 'Old Business' and 'New Business'

Item Meeting Item Description

Resp Status 10 Due Date Complid Cls'd

No

New Business

Pile Driving Equipment

001-007

65 feet minimum between Pile Driving Equipment and other site work is required. John Drake adds, ideally, 100

All Subs

feet should be standard

Cc: Compa	any Name	Contact Name	Copies Notes
Soltek	Pacific	Carl Spiron	1
	vest Division - Southbay ocus Team	Eric Wolff	1
David S	Shaposhnick INC	James Christie	1
J.R. Co	onstruction, Inc.	Jesse Ortega	1
Soltek	Pacific	John Bayardo	1
R.E. St	aite Engineering, Inc.	John Drake	1
Neal El	ectric	Philip Linzey	1
	vest Division - Southbay ocus Team	Shannon Plummer	1

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Job 472

Page 2 of 2

QC Meeting 04-08-03

Phone #'s:

Paul Cates Superintendent:	619.525.9932
Keith Moss Superintendent:	619.733.3001
John Bayardo Quality Control:	619.247.9558
Carl Spiron Safety:	760.214.2698
Base Police:	619.556.1808
Art Cuevas Base Phone	619.532.1823
Soltek Pacific Line 1	619.525.9932
Soltek Pacific Line 2	619.525.9973
Soltek Pacific Fax	619.525.9934

- Normal work hours and days 6:30 to 3:00 Monday through Friday
- Notify Soltek Pacific by noon on the Wednesday prior to any Saturday work
- 24 hour notice required on all requests for late work days (beyond 5 pm)
- 48 hour notice required on all testing and inspections
- All off site work must be preceded by a two week notice to the Contracting Officer
- All "G" submittals require a minimum of 25 work days to be approved
- A minimum of 65 feet is required between pile driving equipment and all other site work
 Trefer 100'
- Notify Soltek Pacific as soon as any unmarked utility is located
- Weekly QC meetings will be on Tuesdays at 9
- · New Safety Guy Starts Monday

SAFETY TOPICS

- 1. TAILGATE MEETINGS: WE NEED TO RECEIVE YOU WEEKLY TAILGATE MEETINGS EACH WEEK.
 PLEASE TURN THEM INTO THE SAFETY OFFICER.
- 2. SEAT BELTS: WE ARE NOT USING THE SEAT BELTS IN THE EQUIPMENT.
- 3. DELINEATE EXCAVATIONS: WE NEED TO CONTINUE TO DELINEATE ALL EXCAVATIONS TO PROTECT PERSONNEL AND EQUIPMENT.
- 4. MECH AND EQUIP CHECKLIST: EVERY TIME WE BRING IN NEW EQUIPMENT WE ARE REQUIRED TO COMPLETE THE FORM.
- 5. MAJOR ACTIVITY PRE PLANNING: WE ARE REQUIRED TO REVIEW AND PREPLAN ALL MAJOR ACTIVITIES PRIOR TO START. OUR GENERAL SUPERINTENDENT WILL APPROVE ALL AHA PLANS.

4-8-03 CDS SAFETY SPECIALIST

		CONTRACTOR OLIAL	70.	- FRART		DATE	29				
		CONTRACTOR QUAL	SHEETS IF NECESSARY	L REPORT		REPORT NO					
PHASE		N68711-02-D-8013	TEETS IF NECESSARY)	sted Quarters / 32 rd Street N	Naval Station, San Die	ego, CA				
	WAS PREPARAT	ORY PHASE WORK PERFORMED TODAY?	CONTRACT TITLE	P-254 Bachelor Entis	s 🔲 NO 🔯		_				
8	IF YES, FILL ОЏТ	AND ATTACH SUPPLEMENTAL PREPARAT Definable Feature of Work	00	YE	s ப						
PREPARATORY	Schedule Activity No.	Definable Feature of Work	ORY PHASE CHECKLIST	f			Index#				
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EP/											
PR											
	IF YES FILL OUT	AND ATTACH SUPPLEMENTAL		Y	ES 🗌 NO 🛭						
اب	Schedule	AND ATTACH SUPPLEMENTAL INITIAL PHA	ISE CHECKLIST.				Index #				
INITIAL	Activity No.										
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							 o				
	WORK COMPLIE	I S WITH CONTRACT AS APPROVED DURING S WITH SAFETY REQUIREMENTS?	G INITIAL STATES			TES ES	。				
-	Schedule	D C CW L T C				YES N					
	Activity No.	Description of Work, Testing Performed & E Section, Location and List of Personnel Pre	y Whom, Definable Fe	ature of Work, Specifica	ation						
ļ	F1215	THE SELECTION CONTINUES to 1.									
9	S0065 SE115	Subcontractor Shaposhnick Plumbing cont	inues to excavate for 1	0" water main							
≱ }	SE115	SE115 Laborer assisted in cutting down in Excavated for new man hole and set.									
거	F1215	G Force inspector onsite for concrete pile b	dritting and removing s	spoils							
FOLLOW-UP		bild P	low count								
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}											
EWORK I	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLOSE O			CORRECTED TODAY (FR	OM REWORK ITEM	S LIST)				
Schedu Activity I	le Description		BUSINESS)	REWORK ITEMS	Description						
				Activity No.	Description						
EMARKS Schedu	(Also Explain Any le L	Follow-Up Phase Checklist Item From Abo	That Mas Assum	red "NO"), Manuf. Rep	On-Site, etc.						
Activity N	lo. Description		LIST AAS VUZME	ged III							
On behalf o	f the contractor, I ce	rify that this report is complete and correct and work performed during this reporting		7			.001.0				
compliance	with the contract do	tify that this report is complete and correct and dwork performed during this reporting period wings and specifications to the best of my knowings and specifications to the best of my knowings.	is in	\ '.\	·	E	4.21.0				
				AUTHORIZED C	C MANAGER AT SITE						
JALITY AS	SURANCE REPR	GOVERNMENT QUALITY A ESENTATIVES REMARKS AND/OR EXC	SURANCER	EPORT	DAT	±					
Schedul Activity N	e Description	WOOK EX	PTIONS TO THE	REPORT							
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				0	MALIA	ν_{ν}	251				
				- CAO	LIVOLU VANC	E MANAGER					

4296/2 (9/98)

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COV	NTRACTORS PR				Date:	• 04/	04/03
Contract No.	(ATTACH ADDITIONAL S	~ <i>—</i>	F NECESSARY) and Location		Rep	ort No.	36
**-^711-02-D-8013 DO #001			BEQ, Naval Station San Diego				
ntractor			rintendents		_		
Sorrek Pacific		Paul (Cates, Keith Moss		1		
AM Weather	PM Weather		Max Temp	*F	т	Min Temp	*F
			68		!	60	
			WORK PERFORMED TODA	1 <u>Y</u>			
	ED TODAY	<u></u>	EMPLOYER	NO.		TRADE	HOURS
Supervision "		<u> </u>	SOLTEK "	1 2		Safty Officer Superintendents	18
				1	+	CQC	11
			CROWN FENCE	1 1	二	Foreman	
Remove asphalt from trench lin	ne excavate for	 	NEAL ELECTRIC	1 2	+ Jou	Helper irneyman Electrician	16
new manhole and set.		1		3	<u>t</u>	Utility Tech	18
WORK PERFORMED TODAY Ipervision Work performs trench line, excavate for w manhole and set. Ineral labor, helped with cut down of tree re drilling, moved spoils Count pile blows Inspect pile operation Excavate for water Main	down of tree	\Box	SOLTEK F.O.	0	Т.	Foreman	
core aniling, moved spois			***************************************	1		Carpenters labores	8
		<u>P</u>	ITECO'S LANDSCAPING	1	+	Foreman	<u> </u>
		1.00000000	POHNODCE	2	200000000000000000000000000000000000000	labores	
			IRON HORSE	1. E1.		Foreman Operator	
		3000				Laborers 1/24-19	365 T 13
staked piles	The fire of the second		RBF ENGINERRING	0		Party Chief chainman	8 - 8
count pile blo	ows	Wildless To State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State	G-FORCE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trible The	Soils Tech	8
inspect pile ope	eration				4	Project Eng/ VP	2
Excavate for water	er Main	<u> </u>	DSI PLUMBING	1		Foreman Plumber	7
				1 1	+	Operator	8
			The Fire	1		umbing Apprentice	8
drove 14 piles		-	RE STAITE ENG.	1 1		PD FOREMAN Operator	8
		<u> </u>		2	 	PD	16
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				<u> </u>	—		
WAS A JOB SAFETY MI	EETING HELD THIS C	DATE?	YES X NO	 			
(If YES, attach co	opy of meeting minutes)			TOTAL WORK F	HOURS O	ON JOB SITE THIS DATE	160
WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME If YES, attach copy of er			YES X NO	CUMULATIVE	- F TOTAL	OF WORK HOURS	
0) 120, 220	Tra Vincionia	μαι.,	3	FROM PREVIO			2219.75
WAS TRENCHING/SCAFFOLD/HV ELE		_	X YES NO				
(If YES, attach statement or checklist sho WAS HAZARDOUS MATERIAL/WASTE RELEASI	, ,	_	YES X NO	TOTAL HOUR	₹ FROI	A CTART OF	г
f YES, attach description of inci	ident and proposed ac	ction)		CONSTRUCT		<u>.</u>	2379.75
IST SAFETY ACTIONS TAKEN TO	ODAY/SAFETY INSPEC	TIONS	CONDUCTED		YE	· S	QUIREMENTS
QUIPMENT/MATERIAL RECEIVE	D TODAY TO BE INCO	RPORA	TED IN JOB			HAVE DE	EEN MET
eceived 11 piles							
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VTS VTS	spotter leeds,∠ rettib	ones, J	i backhoes, pobcat	<i>A</i>			
··· ·				1//	7	4-7-	42
			Keith Moss SUPERINTENDENT	4		/ / DATE	05
		•	SOLFIVIIAI FIANCIAN -	~	\	DATE	

CON	(ATTACH ADDITIONAL (S IF NECESSARY)		Date 04/0	03/03
Contract No.		itle and Location		Report No.	35
·711-02-D-8013 DO #001	p	-254 BEQ, Naval Station San Dieg	0		
Intractor		uperintendents			
 				1	
Suitek Pacific		aul Cates, Keith Moss		<u> </u>	
AM Weather	PM Weather	Max Temp	*F	Min Temp	*F
clear	clear	6	8	60	
		WORK PERFORMED TO	DAY		
WORK PERFORME	D TODAY	EMPLOYER	NO.	TRADE	HOURS
Supervision		SOLTEK	1	Safty Officer	8
**		u ·	2	Superintendents	23
		CROWN FENCE	1	CQC	10.5
		CROWN FENCE	- 	Foreman Helper	0
xcavate around power and ele	c Manholes (6)	NEAL ELECTRIC	- 2	Journeyman Electrician	20
OC. Took ALL DAY due to ex			3	Utility Tech	20
eneral clean up, trenched for		SOLTEK F.O.	0	Foreman	
ect MWR & Miranda.			0	Carpenters	
			1	labores	8
		PITECO'S LANDSCAPING	1 1	Foreman	
		IRON HORSE	2	labores SeForeman	4.52 (33) (35)
Marie rate de la constant		STATE IN CINITION OF STATE OF	35 55 2 2 1 3 4 1	Operator	
				Laborers	
		RBF ENGINERRING		Party Chief	0 A
			- 0	_	<i>::</i> 0
observed number of b		G-FORCE	e 2016	Soils Tech	8 -: *
				Project Eng/VP	316
Excavate for water	er main	DSI PLUMBING	1 1	Foreman	8
			1	Plumber Operator	8
				Plumbing Apprentice	8
et up drove 5 piles		RE STAITE ENG.	7 4 1 1 1	PD FOREMAN	8
			1	Operator PD	8
WAS A JOB SAFETY ME (If YES, attach cop WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WERE THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST TIME WE ARREST THERE ANY LOST THERE ANY LOST TIME WE ARREST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THERE ANY LOST THE ANY LOST THERE ANY LOST THE ANY LOST THE ANY LOST THE ANY LOST THE	by of meeting minutes)	 	TOTAL WORK H	OURS ON JOB SITE THIS DATE	164.5
	CTRICAL/HIGH WORK DON wing inspection performed)		CUMULATIVE FROM PREVIO	TOTAL OF WORK HOURS DUS REPORT	2055.25
S HAZARDOUS MATERIALWASTE RELEASI YES, attach description of inci BT SAFETY ACTIONS TAKEN TO	dent and proposed actio		CONSTRUCT	YES SAFETY REC	
OUIPMENT/MATERIAL RECEIVED				HAVE BE	en MET
373F, 963B	UIPMENT ON JOB SITE T	ODAY, INCLUDE NUMBER OF HO	URS USED TODAY		
NTS		Keith Moss		JAIE DAIE	9-03

Started 80114 4/23

					ORT		DATE REPORT		04-23-03 43
PHASE	CONTRACT NO	N68711-02-D-8013			elor Enlisted Quart	ers / 32 nd Street N	 -	n Diego, (
<u> </u>	WAS PREPARAT	ORY PHASE WORK PERFORMED	CODAY?		YES []	NO 🔯			
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PREPARATORY	Schedule	Definable Feature of Work		···		····		$\neg \neg$	Index#
[₹	Activity No.								
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1 12									
<u>a</u>	CONTRACT NO NS71142-DB013 (CONTRACT TIME P.254 Bacheler Enlined Quarters / 32** Steel New Station, San Diego, CA WAS PREPARATORY PRINCE WORK PERFORMED TODAY? # YES FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PRINCE CHECKLIST Shorted a Activity No. Definable Feature of Work. WAS INTER, PRANE WORK PREFORMED TODAY? # YES FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PRINCE CHECKLIST. WORK COMPLES WITH CONTRACT AS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT AS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT AS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE? WORK COMPLES WITH CONTRACT RAS APPROVED DURING INTIAL PRINCE PRINCE INTO RESPONSION INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO REPORT INTO RE								
	WAS INITIAL PHA	ASE WORK PREFORMED TODAY?			YES []	№ 🖾			
l	IF YES, FILL OUT	AND ATTACH SUPPLEMENTAL INF	TAL PHASE CHECKLIST.		_	_			
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I ≧									<u> </u>
	WORK COMPLIE	S WITH CONTRACT AS APPROVED	DURING INITIAL PHASE?			YES	⊠ N	o 🛘	
	WORK COMPLIE	S WITH SAFETY REQUIREMENTS?				YES	⊠ N	<u> </u>	
				ture of Work, Spec	cification				
	Activity No.	L	mer Present						
اما	S0114	DSI- Excavate for sewer main	- first or	mack on	ternina	the a	5		
FOLLOW-UP	SE-115	Neal Electric reworking conduits at			1 - 11 - 12 - 13	PY (JOY) 11	~ 0		
×	SE-130	Neal Electric megger tested ground	rod at tower crane, written repor	t to follow	· · · · · · · · · · · · · · · · · · ·				
Ľ	F1215	RE Staite drove 24 piles				······································			
<u> </u>	F1215	G Force inspector onsite, observed	soils, pile blows and rebar	·					
	1-300						·		
		Burch Construction Build up walls for	ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION ACTION AC						
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Activity		1			Description				
					 				
				 	 				
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Schedu	da I		TI Above that was Answered I	NO"), Manur. Rep C	m-site, etc.				
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equipment	and material used ar	d work performed during this reporting p	riod is in	$\langle \rangle$	<	-)	c's	·	35.83
		awings and specifications to the best of m	y knowledge	AUTHORIZED OC	MANAGER AT SIT	<u> </u>		-	DATE
		GOVERNMENT QUALIT	Y ASSURANCE REPOR	T		DATE			
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Schedu Activity									
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		CONTRACTO	R QUALIT CH ADDITIONAL SH			JKI		REPORT	86
PHASE	CONTRACTNO	N68711-02-D-8013	CH ABBITIONAL SI	T		1 C-1-1-1 O1-		NO wal Station, San Dieg	
PHASE	<u> </u>			CONTRACT TITL	LE P-254 Bache			rval Station, San Diec	30, CA
≿		TORY PHASE WORK PERFO TAND ATTACH SUPPLEMENT		A DITUSE UNEUKI I	ет	YES 🔲	ио 🔯		
PREPARATORY	Schedule	Definable Feature of Work	THE TREE PROPERTY.	THOS OTHER				- 	Index #
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l	WAS INITIAL PHA	ASE WORK PREFORMED TO	DAY?		·	YES 🗌	ио 🔯		
ľ		AND ATTACH SUPPLEMENT	TAL INITIAL PHASE	CHECKLIST.					
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	MODIC COMPLE	CARTEL CONTRACT AC ADDI	BOVED DURING INIT	TIAL DUACES			1000	Σ 7 Γ	
		S WITH CONTRACT AS APPI S WITH SAFETY REQUIREM!		HAL PHASE?			YES YES	№ Г	
	Schedule	Description of Work, Testing		om. Definable Feat	ture of Work. Speci	ification	,,,,	Z NO L	
	Activity No.	Section, Location and List of	Personnel Present						
	1-347	Neal Electric rough in exterio							
g,	S0111 1-330	Soltek Pacific general labor,		anical room block o	out for hydronic slee	eves and exposed in	rigation piping		
≱	\$0114	G Force inspected reinforced DSI install excavate and inst		to 1 line. Adjust als	mhing to final loca	tion			
9	1-330	PCS prefabricate walls and		w i mic. ridjust pro			·		
FOLLOW-UP	1-330	JR Construction layout, prefa	 	s and operate towe	r crane, pour colun	nns			
"-		RJ Lanthier layout on louvers	s, check hardware lis	t, marked out lay do	own area				-,-,-
	S0114	RBF Engineering restaked s	ewer and storm drain)					
' <u></u>	· · · · · · · · · · · · · · · · · · ·					· · ·			
BENORY	TEMO IDENTIFIER	TODAY (NOT CORRECTED	BY CLOSE OF BUR	MESC	DEMORY TEME	COORECTED TO	NAV (EDOM DE)A	ORK ITEMS LIST)	
Sched	_		BY CLOSE OF BOS	(NE33)	Schedule	Description	W. (LKOja VEJŠĀ	OKK (IEIMS FIST)	
Activity	No.	···			Activity No.	- Description	7.17		
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						†			
REMARKS	6 (Also Explain Any	Follow-Up Phase Checklist It	em From Above Tha	Was Answered "N	lO"), Manuf. Rep O	n-Site, etc.			
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Accessed	110.	· · · · · · · · · · · · · · · · · · ·							
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		ertify that this report is complete and work performed during this rep			1 -5			_	
	e with the contract dr noted in this report.	awings and specifications to the b	est of my knowledge	ī	VINHORIZED OC	MANAGER AT SITE		<u> </u>	· <u> </u>
		GOVERNMENT QL	ALITY ASSUR	ANCE REPOR	}) 		DATE		····
QUALITY A	SSURANCE REPR	RESENTATIVE'S REMARKS							
Schedu Activity		•							
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				(Chaum	inde	10u-		ZE/W103
				(GOVERNMENT OL	JALTY ASSURANCE	E MANAGER		DATE
									

		CONTRACTOR Q	UALITY CONTR	OL REP	ORT		DATE		06-26-0	03
L			DITIONAL SHEETS IF NECESSAR				REPO NO	RT	95	
PHASE	CONTRACT NO	N68711-02-D-8013	CONTRACT TITL	E P-254 Bach	elor Enlisted Quarters	s / 32 nd Street N	aval Stati	on, San D	Diego, CA	
	WAS PREPARAT	ORY PHASE WORK PERFORMED	TODAY?		YES 🗌	NO 🛛				
<u> </u>	IF YES, FILL OUT	AND ATTACH SUPPLEMENTAL PR	EPARATORY PHASE CHECKLIS	я.						
PREPARATORY	Schedule Activity No.	Definable Feature of Work							Ind	dex#
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	1	ASE WORK PREFORMED TODAY?	EN DUACE CUECKUCT		YES 🗌	ио 🔯				
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ļ				····		·				
	WORK COMPLIES	S WITH CONTRACT AS APPROVED	DURING INITIAL PHASE?			YES	Ø	NO		
	WORK COMPLIES	S WITH SAFETY REQUIREMENTS?				YES		NO		
	Schedule	Description of Work, Testing Perform Section, Location and List of Person		re of Work, Spec	cification					
	Activity No.	Neal Electric pre plan, foremans me								
_	1-330	G Force inspected reinforced concre								
) T	S0114	DSI excavate and install site sewer	and gas line. Sleeve north wing w	alls			····			
ó	1-330	PCS prefabricate and set walls, finis	sh up elevator walls, cleanup							
FOLLOW-UP	1-330	JR Construction operate tower crane	e and close up wall panels	,						
5	1-503	RJ Lanthier foremans meeting, pre p	plan, electrical to trailer							
					-,				 	
					 					
										
REWORK	TEMS IDENTIFIED	TODAY (NOT CORRECTED BY CLO	OSE OF BUSINESS)	REWORK ITEMS	CORRECTED TODA	Y (FROM REW	ORK ITE	MS LIST)		
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equipment	and material used an	rtify that this report is complete and corre id work performed during this reporting p	eriod is in	, (_	~	5	~ ?
	e with the contract dr toted in this report.	awings and specifications to the best of m	ry knowledge	THORIZED OC	MANAGER AT SITE				<u>) </u>	ATE A
		GOVERNMENT QUALIT	Y ASSURANCE REPORT)	D/	ATE				
		RESENTATIVE'S REMARKS AND/OR								
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			Ţ ⁶	OVERNMENT O	UALITY ASSURANCE	MANAGER	- 		D/	ATE



PART IJ - PERFORMANC	E EVALUATION OF CO	NTRACTOR					
1. OVERALL RATING (X appropriate box)							
OUTSTANDING ABOVE AVERAGE	SATISFACTORY	MARGINAL	UNSATISFACTORY				
X	<u>. l</u>	<u></u>					
12. EVALUATED BY:		Ti mai mai in tina (a. i					
a. ORGANIZATION (Name and Address (include Zip Code)		b. TELEPHONE NO. (inclu	ide area code)				
ROICC San Diego							
2730 McKean Street Suite 3		Commercial: 619-556-6951					
Naval Station Building 291		6-6951					
San Diego CA 92136		<u> </u>					
c. NAME & TITLE	d. SIGNATURE		DATE				
Shannon M Plummer	Sharmar 1	Blumer					
Assistant Engineer in Charge of Construction	Mumoni	gemme	11-Sep-03				
13. EVALUATION REVIEWED BY:							
a. ORGANIZATION (Name and Address (include Zip Code)		b. TELEPHONE NO. (inclu	ide area code)				
ROICC San Diego							
2730 McKean Street Suite 3		Commercial: 61	9-556-6155				
Naval Station Building 291		DSN: 52	6-6155				
San Diego CA 92136							
c. NAME & TTTLE	d. SIGNATURE		DATE				
Janet A Buyson	111000	1	1				
Contracting Officer	ONICH	th	15-Sep-03				
14. AGENCY USE							
	'	O					
1							

//	PART	3 111	VALU	ATIO	N OF	PERF	ORMANCE ELEMENTS						
N/A-Not Applicable O-Outstanding A-	Above	a	ge S	-Satist	factory	и-	Marginal U-Unsatisfactory						
	N/A	<u>-</u> υ	Α	s	м	υ		N/A	0	Α	s	М	υ
√ Quality Control							16. Effectiveness of Management						
Quality of Workmanship		X	П	Ī	П	T	a. Cooperation & Responsiveness		I		X		
b. Adequacy of CQC Plan			x				b. Management of Resources & Personnel				x		
c. Implementation of CQC Plan				х			c. Coordination & Control of Subcontractors				x		
d. Quality of QC Documentation		X			1	1	d. Adequacy of Site Clean up		X				T^{-}
e. Storage of Materials		Х					e. Effectiveness of Job-Site Supervision				x		
f. Adequacy of Materials		X			·		f. Compliance w/Laws & Regulations		X	Ī		t	1
g. Adequacy of Submittals		Х	\vdash	1			g. Professional Conduct				X	1	1
h. Adequacy of QC Testing		Х					h. Review/Resolution of Subcontracting Issues			х			Τ
i. Adequacy of As-Builts		х					i. Implementation of Subcontracting Plan	х					
j. Use of Specified Materials		X											
k. Identification & correction of Deficient				\Box	1	1							Т
Work in a Timely Manner			L	X		<u> </u>					<u> </u>	<u> </u>	<u> </u>
17. Timely Performance							18. Compliance With Labor Standards						
a. Adequacy of Initial Progress		X				Ι	a. Correction of Noted Deficiencies	X					
b. Adherence to Approved Schedule		х					b. Payrolls Properly Completed & Submitted		х				
c. Resolution of Delays		х					c. Compliance w/Labor Laws & Regulations w/Specific Attention to Davis-Bacon Act & EEO Requirements		x				
d. Submission of Required Documentation				х			19. Compliance With Safety Standards			1	 _	<u></u>	<u>' -</u>
e. Completion of Punch list Items	X					T^-	a. Adequacy of Safety Plan		Х		Ī		T
Submission of Updated & Revised ogress Schedules				х			b. Implementation of Safety Plan			х			
. Warranty Response	\mathbf{x}		 		t -	 	c. Correction of Noted Deficiencies		$\overline{\mathbf{x}}$	<u> </u>	_	†	

Remarks (Explanation of unsatisfactory evaluation is required. Other comments are optional. Provide facts concerning specific events of action to justify the evaluation. These data must be in sufficient detail to assist contracting officers in determining the contractor's responsibility.

Continue on separate sheets if needed.)

This interim evaluation is submitted at approximately 33% of construction by AREICC, Shannon Plummer. This evaluation covers construction only and does not include design evaluation. This project was awarded on 30Jul02; Partnering/PreCon was held 14Jan03. Soltek was granted Partial Notice to Proceed for several areas of construction while the design was being completed, which included golf course modifications, site demolition, site grading, site utilities, and all foundation work. The Full NTP was issued on 28Apr03.

Although tackling their first high rise building, Soltek showed motivation and gathered a highly qualified team of designers and subcontractors to accomplish the task. This is apparent in the overall quality and production seen thus far during construction. There have been several growing pains since the start of construction, which need to be addressed to improve future evaluations of the project.

There is an absence of strong leadership qualities and poor integration of the design team typically found on a job of this magnitude. The partnership anticipated from the Navy does not exist, as there is a breakdown in communication, integrity, professionalism, planning and follow-through from onsite management. This is apparent when the relationship between the ROICC and onsite management is with the QC Manager vice the Superintendent(s) and/or the Project Manager. It is also clearly visible onsite with management of the subcontractors. I addressed this issue early on in the project and Soltek's office

management attempted to correct the behaviors, with little success. Soltek is still making management adjustments to guarantee their success on the project. Currently, the main subcontractor (concrete) is driving the project, which compensates for the problems with Soltek's onsite management. All subcontractors work extremely well together. By contract, Soltek's designers should make frequent quality assurance visits and address any field issues, which has been a constant battle since the beginning of construction. The Navy has received one formal field report from one consultant to date. By contract, there should also be an assistant to the QC Manager.

This person does not exist, which prevents the OC from spending the amount

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of time in the field that is expected, from correcting rework items in a timely manner, and from delivering required documentation to 'ie Navy. Paperwork is consistently behind.

I believe Soltek has the ability and the drive to overcome their internal issues and make this project run effortlessly. Office management has been receptive to concerns from the Navy. I am looking forward to changes and improvements for the next evaluation in 6 months.



Base IC/ID inspection results and IC/ID report on facilities constructed after 2002.

Chichester, Rob A CIV ASWTC San Diego, N45

To: Subject:

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Chichester, Rob A CIV ASWTC San Diego, N45 RE: One Time Look At All Stormwater Outfalls

From: Kennedy, Peter A CIV

Sent: Monday, November 20, 2006 14:46

To: Chichester, Rob A CIV

Subject: FW: One Time Look At All Stormwater Outfalls

>From: Edson, Mark A CDR Monday, November 20, 2006 14:31 >Sent: >To: Kennedy, Peter A CIV >Cc: Gordon, Brian S CIV; Stager, Daryel N CIV; Williamson, Frank D CIV RE: One Time Look At All Stormwater Outfalls >Subject: >Pete: >All industrial outfalls have been looked at in October with nothing unusual discharging from any of these outfalls. Also, my water guys started looking at all of the non industrial outfalls after I spoke with you and just completed their observations. Two outfalls on the north side of Harbor Drive across from Gate 2 have discharges. In speaking with MACTEC these two outfalls discharge ground_water. š -- ' >There are several over by the athletic complex that we can not observe because all are covered by vegetation. >Vr/mark Kennedy, Peter A CIV Monday, November 20, 2006 9:42 >To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department >Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW >Subject: RE: One Time Look At All Stormwater Outfalls >Mark - We should investigate all outfalls with discharge. This means >contacting Public Works and having them chase down what is coming out >of the stormwater outfall. I realize that in most cases it will be >irrigation, but we need to follow through. If a boat is required, >please let me know how many outfalls we are talking about. We might be >able to work with Port Ops. - Pete >From: Edson, Mark A CDR Monday, November 20, 2006 9:38 >To: Kennedy, Peter A CIV; Ordonio, Archie R CIV VN45RCAO - Compl. Manager, Environmental Department >Cc: Chichester, Rob A CIV; Gordon, Brian S CIV; Hall, Ed C CIV; Ringor, Rey D CIV; Stager, Daryel N CIV; Wilson, Alan L. CIV NAVREGSW >Subject: RE: One Time Look At All Stormwater Outfalls

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>Pete:
>Are we to report/record all outfalls with discharge? Many of the discharges
may be related to irrigation or filtration into the storm drain system. I've
got to check but some of our outfalls may only be visible by boat...along the
quay wall.
>Vr/mark
            Kennedy, Peter A CIV
>From:
            Monday, November 20, 2006 9:29
>To: Edson, Mark A CDR; Ordonio, Archie R CIV VN45RCAO - Compl. Manager,
Environmental Department
>Cc: Chichester, Rob A CIV; Gordon, Brian S CIV
            One Time Look At All Stormwater Outfalls
>All - As most of you know, there was a large sewage spill detected at NBSD on
Friday. It was from a non-industrial stormwater outfall. NBSD has a quarterly
inspection of all industrial outfalls, but since this was non-industrial it
was undetected. I would like all stormwater outfalls on S.D. Bay to be
inspected this week at NBSD, NAB Coronado, NASNI and NBPL.
>I realize this is a lot of extra work, please let me know if it cannot be
done, why it cannot be done, and if not able this week then when you could get
this done.
>The weather is good this week, so in theory all stormwater outfalls
>should be dry. If it is wet, please note and report. I understand it
>could be just runoff from irrigation, but we need to take a hard look
>at what is potentially going into the bay. Thank-you. - Pete
>Peter Kennedy
>CNRSW Environmental Program Manager
>(619) 524-6302
>Fax (619) 524-6349
>Provide comments for Environmental Services at:
><https://ice.disa.mil/index.cfm?fa=card&site id=720&service provider id
>=100360>
>
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