Not Applicable

2002-2003

# ANNUAL REPORT

SIDE A

## FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location.
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

| | | |
|---|---|---|
| QUARTER: JULY-SEPT. DATE: ___/___/___ | Observers Name: _____ Title: _____ Signature: _____ | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☐ NO If YES, complete reverse side of this form. |
| QUARTER: OCT.-DEC. DATE: ___/___/___ | Observers Name: _____ Title: _____ Signature: _____ | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☐ NO If YES, complete reverse side of this form. |
| QUARTER: JAN.-MARCH DATE: ___/___/___ | Observers Name: _____ Title: _____ Signature: _____ | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☐ NO If YES, complete reverse side of this form. |
| QUARTER: APRIL-JUNE DATE: ___/___/___ | Observers Name: _____ Title: _____ Signature: _____ | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☐ NO If YES, complete reverse side of this form. |

2002-2003
ANNUAL REPORT

SIDE B

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

| DATE /TIME OF OBSERVATION | SOURCE AND LOCATION OF AUTHORIZED NSWD<br>EXAMPLE:<br>Air conditioner Units on Building C | NAME OF AUTHORIZED NSWD<br>EXAMPLE:<br>Air conditioner condensate | DESCRIBE AUTHORIZED NSWD CHARACTERISTICS<br>Indicate whether authorized NSWD is clear, cloudy, or discolored, causing staining, contains floating objects or an oil sheen, has odors, etc. | | DESCRIBE ANY REVISED OR NEW BMPs AND PROVIDE THEIR IMPLEMENTATION DATE |
|---|---|---|---|---|---|
| | | | At the NSWD Source | At the NSWD Drainage Area and Discharge Location | |
| / /<br>: ☐ AM ☐ PM | Not | Applicable | | | |
| / /<br>: ☐ AM ☐ PM | | | | | |
| / /<br>: ☐ AM ☐ PM | | | | | |
| / /<br>: ☐ AM ☐ PM | | | | | |
| / / | | | | | |

2002-2003
ANNUAL REPORT

SIDE A

# FORM 3-QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Unauthorized NSWDs are discharges (such as wash or rinse waters) that do not meet the conditions provided in Section D (pages 5-6) of the General Permit.
- Quarterly visual observations are required to observe current and detect prior unauthorized NSWDs.
- Quarterly visual observations are required during dry weather and at all facility drainage areas.
- Each unauthorized NSWD source, impacted drainage area, and discharge location must be identified and observed.
- Unauthorized NSWDs that can not be eliminated within 90 days of observation must be reported to the Regional Board in accordance with Section A.10.e of the General Permit.
- Make additional copies of this form as necessary.

| | | | |
|---|---|---|---|
| QUARTER: JULY-SEPT.<br>DATE/TIME OF OBSERVATIONS<br>9/03/02 8:00 ☑ AM ☐ PM | Observers Name: Scott VanWinkle<br>Title: Terminal Tech<br>Signature: [signature] | WERE UNAUTHORIZED NSWDs OBSERVED? ☐ YES ☑ NO<br>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? ☐ YES ☑ NO | If YES to either question, complete reverse side. |
| QUARTER: OCT.-DEC.<br>DATE/TIME OF OBSERVATIONS<br>12/23/02 9:00 ☑ AM ☐ PM | Observers Name: Scott VanWinkle<br>Title: Terminal Tech<br>Signature: [signature] | WERE UNAUTHORIZED NSWDs OBSERVED? ☐ YES ☑ NO<br>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? ☐ YES ☑ NO | If YES to either question, complete reverse side. |
| QUARTER: JAN.-MARCH<br>DATE/TIME OF OBSERVATIONS<br>2/20/03 9:00 ☑ AM ☐ PM | Observers Name: Scott VanWinkle<br>Title: Terminal Tech<br>Signature: [signature] | WERE UNAUTHORIZED NSWDs OBSERVED? ☐ YES ☑ NO<br>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? ☐ YES ☐ NO | If YES to either question, complete reverse side. |
| QUARTER: APRIL-JUNE<br>DATE/TIME OF OBSERVATIONS<br>6/26/03 9:00 ☑ AM ☐ PM | Observers Name: [signature]<br>Title: Term Tech<br>Signature: [signature] | WERE UNAUTHORIZED NSWDs OBSERVED? ☐ YES ☑ NO<br>WERE THERE INDICATIONS OF PRIOR UNAUTHORIZED NSWDs? ☐ YES ☑ NO | If YES to either question, complete reverse side. |

2003
ANNUAL REPORT

SIDE B

# FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

| OBSERVATION DATE (FROM REVERSE SIDE) | NAME OF UNAUTHORIZED NSWD | SOURCE AND LOCATION OF UNAUTHORIZED NSWD | DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc. | | DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE. |
|---|---|---|---|---|---|
| | EXAMPLE: Vehicle Wash Water | EXAMPLE: NW Corner of Parking Lot | AT THE UNAUTHORIZED NSWD SOURCE | AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION | |
| / / <br> : ☐ AM ☐ PM | NA | | | | |
| / / <br> : ☐ AM ☐ PM | NA | | | | |
| / / <br> : ☐ AM ☐ PM | NA | | | | |
| / / <br> : ☐ AM ☐ PM | NA | | | | |

2003

# ANNUAL REPORT

## FORM 4-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

| | | | | | |
|---|---|---|---|---|---|
| Observation Date: October ____ 2002 | Drainage Location Description | #1 SW Corner of Property | #2 | #3 | #4 |
| Observers Name: No Storm Event | Observation Time | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Team Tech | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: [illegible] | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: November ____ 2002 | Drainage Location Description | #1 SW Corner of Property | #2 | #3 | #4 |
| Observers Name: No Storm Event | Observation Time | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: December 20 2002 | Drainage Location Description | #1 SW Corner of Property | #2 | #3 | #4 |
| Observers Name: Scott VanWinkle | Observation Time | 09 50 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Terminal Tech | Time Discharge Began | 09 50 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: [illegible] | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☑ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: January 14 2003 | Drainage Location Description | #1 SW Corner of Property | #2 | #3 | #4 |
| Observers Name: Scott VanWinkle | Observation Time | 7 40 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Terminal Tech | Time Discharge Began | 8 : 40 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: [illegible] | Were Pollutants Observed | YES ☐ NO ☑ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

2 2003

# ANNUAL REPORT

## FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

| Observation Date: February 28 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
|---|---|---|---|---|---|
| Observers Name: Scott VanWinkle | Observation Time | 08:30 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Terminal Tech | Time Discharge Began | 08:00 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: [signature] | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☑ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

| Observation Date: March 17 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
|---|---|---|---|---|---|
| Observers Name: Scott VanWinkle | Observation Time | 10 :00 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | 10 :30 ☐ P.M. ☑ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: [signature] | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☑ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

| Observation Date: April ____ 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
|---|---|---|---|---|---|
| Observers Name: No | Observation Time | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Storm | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: Event | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

| Observation Date: May ____ 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
|---|---|---|---|---|---|
| Observers Name: No | Observation Time | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: Storm | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: Event | Were Pollutants Observed | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

2 003
ANNUAL REPORT

SIDE A

# FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
# POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/26/03 INSPECTOR NAME: Ruthanne Walter TITLE: HSCE Advisor SIGNATURE: Ruthanne Walter

| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
|---|---|---|---|---|---|
| Tank Farm | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Tank Loading Rack | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Pumpback Area Aboveground Unloading Area | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Pipeline Receipt Manifold | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |

2003

ANNUAL REPORT

SIDE B

## FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
## POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/26/03 INSPECTOR NAME: Ruthanne Walker TITLE: HSSE Advisor SIGNATURE: [signature]

| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
|---|---|---|---|---|---|
| Parking Lot, Driveways, and Asphalt Areas | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐YES ☐NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐YES ☐NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Other | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐YES ☐NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐YES ☐NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐YES ☐NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐YES ☐NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐YES ☐NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐YES ☐NO | | | |

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STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
2003-2004 ANNUAL REPORT
FOR STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2003 through June 30, 2004

An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. Retain a copy of the completed Annual Report for your records.

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers, and e-mail addresses of the Regional Board contacts, as well as the Regional Board Offices addresses are indicated below.

REGIONAL BOARD INFORMATION:

San Diego Regional Water Board
9174 Sky Park Court, Suite 100
San Diego, CA 92123

~~Gloria Fulton~~ Tony Felix
Tel: (858) 467-2971
Email: fultg@rb9.swrcb.ca.gov

GENERAL INFORMATION

A. Facility Information:

Bp West Coast Prod LLC
2295 Harbor Dr
San Diego, CA 92113-3636
WDID No: 9 37I002984

Contact Person: ~~Rg Grider~~ Michael Burke
Email: burkemf1@bp.com
Phone: (619) 238-6174

SIC Code(s):
5171 Petroleum Bulk Stations and Terminals

B. Facility Operator Information:

Bp Prod North America Inc
~~333 S HOPE ST~~ Same
~~SOUTHGATE, CA 90280~~

Contact Person: Ruthanne Waler
Email: walkerm4@bp.com
Phone: (562) 806-4105

C. Facility Billing Information:

Bp West Coast Prod LLC
~~PO Box 13661~~ Same
~~San Diego, CA 92170-3661~~

Contact Person: ~~Rg Grider~~ Michael Burke
Email:
Phone: (619) 238-6174

2003-2004

# ANNUAL REPORT

*SPECIFIC INFORMATION*

## MONITORING AND REPORTING PROGRAM

### D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

   ☐ YES Go to Item D.2 ☒ NO Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

   i. ☐ Participating in an Approved Group Monitoring Plan Group Name: _____

   ii. ☐ Submitted No Exposure Certification (NEC) Date Submitted: ___/___/___

   Re-evaluation Date: ___/___/___

   Does facility continue to satisfy NEC conditions? ☐ YES ☐ NO

   iii. ☐ Submitted Sampling Reduction Certification (SRC) Date Submitted: ___/___/___

   Re-evaluation Date: ___/___/___

   Does facility continue to satisfy SRC conditions? ☐ YES ☐ NO

   iv. ☐ Received Regional Board Certification Certification Date: ___/___/___

   v. ☐ Received Local Agency Certification Certification Date: ___/___/___

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

   ☐ YES Go to Section E ☐ NO Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

### E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 1

   There was only one storm event which met the sampling criteria.

   If less than 2, **attach explanation** (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

   ☒ YES ☐ NO **attach explanation** (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 1

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's' storm water discharge locations? ☒ YES, go to Item E.6 ☐ NO

5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? ☐ YES ☐ NO, attach explanation

   If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.

   Date facility's drainage areas were last evaluated ___/___/____

6. Were all samples collected during the first hour of discharge? ☒ YES ☐ NO, attach explanation

7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? ☒ YES ☐ NO, attach explanation

8. Were there any discharges of storm water that had been temporarily stored or contained? (such as from a pond) ☐ YES ☒ NO, go to Item E.10

9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) ☐ YES ☐ NO, attach explanation

10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.

    a. Does Table D contain any additional parameters related to your facility's SIC code(s)? ☐ YES ☒ NO, Go to Item E.11

    b. Did you analyze all storm water samples for the applicable parameters listed in Table D? ☒ YES ☐ NO

    c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:

       _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**

       _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**

       _____ Other. **Attach explanation**

11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:

- Date and time of sample collection
- Name and title of sampler
- Parameters tested
- Name of analytical testing laboratory
- Discharge location identification
- Testing results
- Test methods used
- Test detection limits
- Date of testing
- Copies of the laboratory analytical results

F. QUARTERLY VISUAL OBSERVATIONS

1. Authorized Non-Storm Water Discharges

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

a. Do authorized non-storm water discharges occur at your facility?

☐ YES ☒ NO Go to Item F.2

b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| July-September | ☐ YES | ☐ NO | ☐ N/A | October-December | ☐ YES | ☐ NO | ☐ N/A |
| January-March | ☐ YES | ☐ NO | ☐ N/A | April-June | ☐ YES | ☐ NO | ☐ N/A |

c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information:

i. name of each authorized non-storm water discharge
ii. date and time of observation
iii. source and location of each authorized non-storm water discharge
iv. characteristics of the discharge at its source and impacted drainage area/discharge location
v. name, title, and signature of observer
vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. Unauthorized Non-Storm Water Discharges

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non- storm water discharges and their sources. Attach an explanation for any "NO" answers.

| | | | | | |
|---|---|---|---|---|---|
| July-September | ☒ YES | ☐ NO | October-December | ☒ YES | ☐ NO |
| January-March | ☒ YES | ☐ NO | April-June | ☒ YES | ☐ NO |

b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

☐ YES ☐ NO Go to Item F.2.d

c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

☐ YES ☐ NO Attach explanation

d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information:

i. name of each unauthorized non-storm water discharge
ii. date and time of observation
iii. source and location of each unauthorized non-storm water discharge
iv. characteristics of the discharge at its source and impacted drainage area/discharge location
v. name, title, and signature of observer
vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

## G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

| | YES | NO | | YES | NO |
|---|---|---|---|---|---|
| October | ☐ | ☒ | February | ☐ | ☒ |
| November | ☐ | ☒ | March | ☐ | ☒ |
| December | ☐ | ☒ | April | ☐ | ☒ |
| January | ☐ | ☒ | May | ☐ | ☒ |

2. Report monthly wet season visual observations using Form 4 or provide the following information:

   There were no storms which met the observation criteria.

   a. date, time, and location of observation
   b. name and title of observer
   c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed
   d. any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

## ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

## H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? ☒ YES ☐ NO
   The following areas should be inspected:

   - areas where spills and leaks have occurred during the last year
   - outdoor wash and rinse areas
   - process/manufacturing areas
   - loading, unloading, and transfer areas
   - waste storage/disposal areas
   - dust/particulate generating areas
   - erosion areas
   - building repair, remodeling, and construction
   - material storage areas
   - vehicle/equipment storage areas
   - truck parking and access areas
   - rooftop equipment areas
   - vehicle fueling/maintenance areas
   - non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? ☒ YES ☐ NO

3. Have you inspected the entire facility to verify that the SWPPP's site map is up-to-date? The following site map items should be verified: ☒ YES ☐ NO

   - facility boundaries
   - outline of all storm water drainage areas
   - areas impacted by run-on
   - storm water discharges locations

- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation? ☒ YES ☐ NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit? ☒ YES ☐ NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented? ☒ YES ☐ NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected? ☒ YES ☐ NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit? ☒ YES ☐ NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

2003-2004
# ANNUAL REPORT

## ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

| | | | | |
|---|---|---|---|---|
| 1 | Have you attached Forms 1,2,3,4, and 5 or their equivalent? | ☒ YES (Mandatory) | | |
| 2. | If you conducted sampling and analysis, have you attached the laboratory analytical reports? | ☒ YES | ☐ NO | ☐ NA |
| 3. | If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? | ☐ YES | ☐ NO | ☒ NA |
| 4. | Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? | ☐ YES | ☐ NO | ☒ NA |

## ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and 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 ensure 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 person 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.

Printed Name: Michael Burke

Signature: Michael Burke per  Date: 6/28/04

Title: Terminal Manager

2003 - 2004
ANNUAL REPORT

SIDE A

# FORM 1-SAMPLING & ANALYSIS RESULTS

## FIRST STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.
- Make additional copies of this form as necessary.

NAME OF PERSON COLLECTING SAMPLE(S): _____ TITLE: _____ SIGNATURE: _____

| DESCRIBE DISCHARGE LOCATION Example: NW Out Fall | DATE/TIME OF SAMPLE COLLECTION | TIME DISCHARGE STARTED | ANALYTICAL RESULTS For First Storm Event | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BASIC PARAMETERS | | | | | OTHER PARAMETERS | | | | |
| | | | PH | TSS | SC | O&G | TOC | Benzene | Ethyl-benzene | Toluene | Xylenes | |
| 1&W S/W Corner OF TANK FARM | 2/23/04 10:00 ☒ AM ☐ PM | 10:10 ☒ AM 11:10 ☐ PM | 6.0 | SEE TEST RESULTS FOLLOWING PAGE | | | | | | | | |
| | / / : ☐ AM ☐ PM | : ☐ AM ☐ PM | | ND | 350 | ND | 4.2 | ND | ND | ND | ND | |
| | / / : ☐ AM ☐ PM | : ☐ AM ☐ PM | | | | | | | | | | |
| | / / : ☐ AM ☐ PM | : ☐ AM ☐ PM | | | | | | | | | | |
| TEST REPORTING UNITS: | | | pH Units | mg/l | umho/cm | mg/l | mg/l | ug/l | ug/l | ug/l | ug/l | |
| TEST METHOD DETECTION LIMIT: | | | | 10 | 1 | 4.7 | 1 | 2 | 2 | 2 | 2 | |
| TEST METHOD USED: | | | | EPA 160.2 | EPA 120.1 | EPA 1664A | EPA 415.1 | EPA 8260B | EPA 8260B | EPA 8260B | EPA 8260B | |
| ANALYZED BY (SELF/LAB): | | | Self | Del Mar | Del Mar | Del Mar | Del Mar | Del Mar | Del Mar | Del Mar | Del Mar | |

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

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# LABORATORY REPORT

Prepared For: BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project: San Diego Terminal
Tank Farm Discharge

Sampled: 02/23/04
Received: 02/24/04
Issued: 03/04/04

NELAP #01108CA CA ELAP #1197

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.*
*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| INB1534-01 | Tank Farm Discharge | Water |

el Mar Analytical, Irvine
C[illegible]s Roberts
[illegible]t Manager

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| DRO (C13 - C22) | EPA 8015B | 4B24065 | 0.50 | ND | 0.943 | 2/24/2004 | 2/25/2004 | |
| EFH (C13 - C40) | EPA 8015B | 4B24065 | 0.50 | ND | 0.943 | 2/24/2004 | 2/25/2004 | |
| *Surrogate: n-Octacosane (50-125%)* | | | | *78 %* | | | | |

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Chris Roberts
Project Manager

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

## BTEX by GC/MS (EPA 5030B/8260B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: ug/l | | | | | | | | |
| Benzene | EPA 8260B | 4B29008 | 2.0 | ND | 1 | 2/29/2004 | 2/29/2004 | |
| Ethylbenzene | EPA 8260B | 4B29008 | 2.0 | ND | 1 | 2/29/2004 | 2/29/2004 | |
| Toluene | EPA 8260B | 4B29008 | 2.0 | ND | 1 | 2/29/2004 | 2/29/2004 | |
| o-Xylene | EPA 8260B | 4B29008 | 2.0 | ND | 1 | 2/29/2004 | 2/29/2004 | |
| m,p-Xylenes | EPA 8260B | 4B29008 | 2.0 | ND | 1 | 2/29/2004 | 2/29/2004 | |
| *Surrogate: Dibromofluoromethane (80-120%)* | | | | *103 %* | | | | |
| *Surrogate: Toluene-d8 (80-120%)* | | | | *111 %* | | | | |
| *Surrogate: 4-Bromofluorobenzene (80-120%)* | | | | *105 %* | | | | |

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BP - San Diego Terminal
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Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: °C | | | | | | | | |
| Flashpoint | EPA 1010 | 4C02087 | 20 | >94 | 1 | 3/2/2004 | 3/2/2004 | |
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| Total Organic Carbon | EPA 415.1 | 4C01089 | 1.0 | 4.2 | 1 | 3/1/2004 | 3/1/2004 | |
| Total Suspended Solids | EPA 160.2 | 4B27076 | 10 | ND | 1 | 2/27/2004 | 2/27/2004 | |
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: umhos/cm | | | | | | | | |
| Specific Conductance | EPA 120.1 | 4C01098 | 1.0 | 350 | 1 | 3/1/2004 | 3/1/2004 | |

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Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

## Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| Sample ID: INB1534-01 (Tank Farm Discharge - Water) | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| Oil & Grease (HEM) | EPA 1664A | 4B26025 | 4.7 | ND | 0.943 | 2/26/2004 | 3/2/2004 | |

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BP - San Diego Terminal
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San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number INB1534

Sampled: 02/23/04
Received: 02/24/04

# METHOD BLANK/QC DATA

## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Batch: 4B24065 Extracted: 02/24/04 | | | | | | | | | | |
| Blank Analyzed: 02/25/04 (4B24065-BLK1) | | | | | | | | | | |
| DRO (C13 - C22) | ND | 0.50 | mg/l | | | | | | | |
| EFH (C13 - C40) | ND | 0.50 | mg/l | | | | | | | |
| *Surrogate: n-Octacosane* | *0.170* | | *mg/l* | *0.200* | | *85* | *50-125* | | | |
| LCS Analyzed: 02/25/04 (4B24065-BS1) | | | | | | | | | | |
| EFH (C13 - C40) | 0.596 | 0.50 | mg/l | 0.775 | | 77 | 45-115 | | | |
| *Surrogate: n-Octacosane* | *0.158* | | *mg/l* | *0.200* | | *79* | *50-125* | | | |
| LCS Dup Analyzed: 02/25/04 (4B24065-BSD1) | | | | | | | | | | M-NR1 |
| EFH (C13 - C40) | 0.673 | 0.50 | mg/l | 0.775 | | 87 | 45-115 | 12 | 25 | |
| *Surrogate: n-Octacosane* | *0.175* | | *mg/l* | *0.200* | | *88* | *50-125* | | | |

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Chris Roberts
Project Manager

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Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# METHOD BLANK/QC DATA

## BTEX by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Batch: 4B29008 Extracted: 02/29/04 | | | | | | | | | | |
| Blank Analyzed: 02/29/04 (4B29008-BLK1) | | | | | | | | | | |
| Benzene | ND | 2.0 | ug/l | | | | | | | |
| Ethylbenzene | ND | 2.0 | ug/l | | | | | | | |
| Toluene | ND | 2.0 | ug/l | | | | | | | |
| o-Xylene | ND | 2.0 | ug/l | | | | | | | |
| m,p-Xylenes | ND | 2.0 | ug/l | | | | | | | |
| *Surrogate: Dibromofluoromethane* | *25.1* | | *ug/l* | *25.0* | | *100* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *27.8* | | *ug/l* | *25.0* | | *111* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *26.0* | | *ug/l* | *25.0* | | *104* | *80-120* | | | |
| LCS Analyzed: 02/29/04 (4B29008-BS1) | | | | | | | | | | |
| enzene | 25.6 | 2.0 | ug/l | 25.0 | | 102 | 70-120 | | | |
| thylbenzene | 25.4 | 2.0 | ug/l | 25.0 | | 102 | 80-120 | | | |
| ene | 25.0 | 2.0 | ug/l | 25.0 | | 100 | 70-120 | | | |
| ylene | 25.2 | 2.0 | ug/l | 25.0 | | 101 | 75-125 | | | |
| m,p-Xylenes | 50.5 | 2.0 | ug/l | 50.0 | | 101 | 70-120 | | | |
| *Surrogate: Dibromofluoromethane* | *26.3* | | *ug/l* | *25.0* | | *105* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *27.7* | | *ug/l* | *25.0* | | *111* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *25.9* | | *ug/l* | *25.0* | | *104* | *80-120* | | | |
| Matrix Spike Analyzed: 02/29/04 (4B29008-MS1) | | | | | Source: INB1541-01 | | | | | |
| Benzene | 25.7 | 2.0 | ug/l | 25.0 | ND | 103 | 70-120 | | | |
| Ethylbenzene | 25.7 | 2.0 | ug/l | 25.0 | ND | 103 | 70-125 | | | |
| Toluene | 24.7 | 2.0 | ug/l | 25.0 | ND | 99 | 65-120 | | | |
| o-Xylene | 25.3 | 2.0 | ug/l | 25.0 | ND | 101 | 65-125 | | | |
| m,p-Xylenes | 50.8 | 2.0 | ug/l | 50.0 | ND | 102 | 60-125 | | | |
| *Surrogate: Dibromofluoromethane* | *27.1* | | *ug/l* | *25.0* | | *108* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *28.2* | | *ug/l* | *25.0* | | *113* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *27.3* | | *ug/l* | *25.0* | | *109* | *80-120* | | | |

l Mar Analytical, Irvine
s Roberts
t Manager

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# METHOD BLANK/QC DATA

## BTEX by GC/MS (EPA 5030B/8260B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Batch: 4B29008 Extracted: 02/29/04 | | | | | | | | | | |
| Matrix Spike Dup Analyzed: 02/29/04 (4B29008-MSD1) | | | | | Source: INB1541-01 | | | | | |
| Benzene | 24.2 | 2.0 | ug/l | 25.0 | ND | 97 | 70-120 | 6 | 20 | |
| Ethylbenzene | 23.8 | 2.0 | ug/l | 25.0 | ND | 95 | 70-125 | 8 | 20 | |
| Toluene | 23.0 | 2.0 | ug/l | 25.0 | ND | 92 | 65-120 | 7 | 20 | |
| o-Xylene | 23.0 | 2.0 | ug/l | 25.0 | ND | 92 | 65-125 | 10 | 20 | |
| m,p-Xylenes | 44.5 | 2.0 | ug/l | 50.0 | ND | 89 | 60-125 | 13 | 25 | |
| *Surrogate: Dibromofluoromethane* | *26.2* | | *ug/l* | *25.0* | | *105* | *80-120* | | | |
| *Surrogate: Toluene-d8* | *27.7* | | *ug/l* | *25.0* | | *111* | *80-120* | | | |
| *Surrogate: 4-Bromofluorobenzene* | *26.2* | | *ug/l* | *25.0* | | *105* | *80-120* | | | |

el Mar Analytical, Irvine
C[illegible] Roberts
I[illegible]t Manager

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9484 Chesapeake Dr., Suite 205, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-[illegible]
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-085[illegible]
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-[illegible]

BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4B27076 Extracted: 02/27/04** | | | | | | | | | | |
| Blank Analyzed: 02/27/04 (4B27076-BLK1) | | | | | | | | | | |
| Total Suspended Solids | ND | 10 | mg/l | | | | | | | |
| LCS Analyzed: 02/27/04 (4B27076-BS1) | | | | | | | | | | |
| Total Suspended Solids | 965 | 10 | mg/l | 1000 | | 96 | 85-115 | | | |
| Duplicate Analyzed: 02/27/04 (4B27076-DUP1) | | | | | Source: INB1534-01 | | | | | |
| Total Suspended Solids | ND | 10 | mg/l | | ND | | | | 10 | |
| **Batch: 4C01089 Extracted: 03/01/04** | | | | | | | | | | |
| Blank Analyzed: 03/01/04 (4C01089-BLK1) | | | | | | | | | | |
| Total Organic Carbon | ND | 1.0 | mg/l | | | | | | | |
| LCS Analyzed: 03/01/04 (4C01089-BS1) | | | | | | | | | | |
| Organic Carbon | 9.90 | 1.0 | mg/l | 10.0 | | 99 | 90-110 | | | |
| Matrix Spike Analyzed: 03/01/04 (4C01089-MS1) | | | | | Source: INB1640-02 | | | | | |
| Total Organic Carbon | 6.67 | 1.0 | mg/l | 5.00 | 2.0 | 93 | 80-120 | | | |
| Matrix Spike Dup Analyzed: 03/01/04 (4C01089-MSD1) | | | | | Source: INB1640-02 | | | | | |
| Total Organic Carbon | 6.51 | 1.0 | mg/l | 5.00 | 2.0 | 90 | 80-120 | 2 | 20 | |
| **Batch: 4C01098 Extracted: 03/01/04** | | | | | | | | | | |
| Duplicate Analyzed: 03/01/04 (4C01098-DUP1) | | | | | Source: INB1510-02 | | | | | |
| Specific Conductance | 20.9 | 1.0 | umhos/cm | | 21 | | | 1 | 5 | |

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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-9596 FAX (858) 505-99[illegible]
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-00[illegible]
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 795-3620 FAX (702) 798-36[illegible]

BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# METHOD BLANK/QC DATA

## Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| Batch: 4B26025 Extracted: 02/26/04 | | | | | | | | | | |
| Blank Analyzed: 02/26/04 (4B26025-BLK1) | | | | | | | | | | |
| Oil & Grease (HEM) | ND | 5.0 | mg/l | | | | | | | |
| LCS Analyzed: 02/26/04 (4B26025-BS1) | | | | | | | | | | |
| Oil & Grease (HEM) | 18.8 | 5.0 | mg/l | 20.0 | | 94 | 78-118 | | | |
| LCS Dup Analyzed: 02/26/04 (4B26025-BSD1) | | | | | | | | | | |
| Oil & Grease (HEM) | 18.5 | 5.0 | mg/l | 20.0 | | 93 | 78-118 | 2 | 18 | |

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9484 Chesapeake Dr., Suite 305, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| > | Result is greater than the indicated value. |
| M-NR1 | There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike Blank Spike Duplicate. |
| ND | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| RPD | Relative Percent Difference |

## ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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9632 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Tank Farm Discharge
Report Number: INB1534

Sampled: 02/23/04
Received: 02/24/04

# Certification Summary

## Del Mar Analytical, Irvine

| Method | Matrix | NELAP | CA |
|---|---|---|---|
| EPA 1010 | Water | X | X |
| EPA 120.1 | Water | X | X |
| EPA 160.2 | Water | X | X |
| EPA 415.1 | Water | X | X |
| EPA 8015B | Water | X | X |
| EPA 8260B | Water | X | X |

*NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.*

## Subcontracted Laboratories

**Sequoia Analytical, Morgan Hill** *CA ELAP Cert #1210 and AZ DHS Licence #01117CA*

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 1664A

Samples: INB1534-01

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SW- 17577

INB1534

# STORM WATER CHAIN OF CUSTODY FORM

Quote No.: _____ Pg. 1 of 1

Client Name: BP SAN DIEGO
Address: 2295 Harbor Dr.
City: SAN DIEGO State: CA Zip: 92113
Tel: 619-233-4400 Fax.: 619-231-9603

P.O./Project Number:
Project Name: TANK FARM DISCHARGE
Project Manager: Michael Burke
Sampler(s) Signature: [signature]

| Sample I.D. | Matrix | Date Sampled | Time | Preservation | Number of Containers | Type of Containers | Oil & Grease - EPA 413.2 | TRPH - EPA 418.1 | pH | Specific Conductance | Total Organic Carbon | Total Suspended Solids | FLASH POINT | BTEX 8260 | 8015 TPH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | WATER | 2-23-04 | 10:00 | HCl | 1 | 1 Liter Amber | X | | | | | | | | |
| B | WATER | 2-23-04 | 10:00 | None | 1 | 500 poly | | | | X | | X | X | | |
| C | WATER | 2-23-04 | 10:00 | HCl | 2 | 40 ml vial | | | | | X | | | | |
| D | WATER | 2-23-04 | 10:00 | HCl | 1 | 1 Liter Amber | | | | | | | | | X |
| E | Water | 2-23-04 | 10:00 | HCl | 2 | 40 ml vial | | | | | | | | X | |

Relinquished by: [signature] Date/Time: 2-24-04 09:30
Received by: [signature] Date/Time: 02-24-04 09:30
Relinquished by: [signature] Date/Time: 02 24 04 1330
Received by: Date/Time:
Relinquished by: Date/Time:
Received in Lab by: [signature] Date/Time: 2/24/04 13:30

Turnaround Time: (check one):
Same Day ___ 72 hours ___
24 Hours ___ 5 Days ___
48 Hours ___ Standard X

Sample Integrity
Intact: ✓ On Ice 7°C

Remarks:

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

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ANNUAL REPORT

SIDE B

# FORM 1-SAMPLING & ANALYSIS RESULTS

There was not a Second Storm Which met Criteria.

## SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

NAME OF PERSON COLLECTING SAMPLE(S):_____ TITLE: _____ SIGNATURE: _____

| DESCRIBE DISCHARGE LOCATION Example: NW Out Fall | DATE/TIME OF SAMPLE COLLECTION | TIME DISCHARGE STARTED | ANALYTICAL RESULTS For Second Storm Event | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BASIC PARAMETERS | | | | | OTHER PARAMETERS | | | | |
| | | | PH | TSS | SC | O&G | TOC | | | | | |
| | / / ☐ AM : ☐ PM | ☐ AM : ☐ PM | | | | | | | | | | |
| | / / ☐ AM : ☐ PM | ☐ AM : ☐ PM | | | | | | | | | | |
| | / / ☐ AM : ☐ PM | ☐ AM : ☐ PM | | | | | | | | | | |
| | / / ☐ AM : ☐ PM | ☐ AM : ☐ PM | | | | | | | | | | |
| TEST REPORTING UNITS: | | | pH Units | mg/l | umho/cm | mg/l | mg/l | | | | | |
| TEST METHOD DETECTION LIMIT: | | | | | | | | | | | | |
| TEST METHOD USED: | | | | | | | | | | | | |
| ANALYZED BY (SELF/LAB): | | | | | | | | | | | | |

TSS - Total Suspended Solids SC - Specific Conductance O&G - Oil & Grease TOC - Total Organic Carbon

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# ANNUAL REPORT

SIDE A

## FORM ~~2~~ 3 QUARTERLY VISUAL OBSERVATIONS OF UN AUTHORIZED NON-STORM WATER DISCHARGES (NSWDs)

- Quarterly dry weather visual observations are required of each authorized NSWD.
- Observe each authorized NSWD source, impacted drainage area, and discharge location. → e.g. S.W. Corner
- Authorized NSWDs must meet the conditions provided in Section D (pages 5-6), of the General Permit.
- Make additional copies of this form as necessary.

| | | |
|---|---|---|
| QUARTER: JULY-SEPT. '03<br>DATE: 8/31/03 | Observers Name: Scott E. Whitman<br>Title: Terminal Technician<br>Signature: S. E. Whitman | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☒ NO<br>If YES, complete reverse side of this form. |
| QUARTER: OCT.-DEC. '03<br>DATE: 12/22/03 | Observers Name: Scott E. Whitman<br>Title: Terminal Technician<br>Signature: S E Whitman | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☒ NO<br>If YES, complete reverse side of this form. |
| QUARTER: JAN.-MARCH '04<br>DATE: 2/23/04 | Observers Name: Scott E Whitman<br>Title: Terminal Technician<br>Signature: S E Whitman | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☒ YES ☐ NO<br>If YES, complete reverse side of this form. |
| QUARTER: APRIL-JUNE '04<br>DATE: 6/2/04 | Observers Name: Scott Van Winkle<br>Title: Terminal Tech<br>Signature: [illegible] | WERE ANY AUTHORIZED NSWDs DISCHARGED DURING THIS QUARTER? ☐ YES ☒ NO<br>If YES, complete reverse side of this form. |

2003 - 2004

# ANNUAL REPORT

## FORM 4-MONTHLY VISUAL OBSERVATIONS OF

Alone the [illegible]

SIDE

A

## STORM WATER DISCHARGES

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations. → at SW Corner
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge. → (e.g. if Dike drain value opened to release contained stormwater. This is rare! When done, take a grab sample, to
- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge.

| | | #1 | #2 | #3 | #4 |
|---|---|---|---|---|---|
| Observation Date: October ____ 2003 | Drainage Location Description | SW Corner | | | |
| Observers Name: | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: November____ 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: December____ 2003 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: January____ 2004 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

None met criteria

2003 - 2004

# ANNUAL REPORT

## FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

SIDE A

- Storm water discharge visual observations are required for at least one storm event per month between October 1 and May 31.
- Visual observations must be conducted during the first hour of discharge at all discharge locations.
- Discharges of temporarily stored or contained storm water must be observed at the time of discharge.

- Indicate "None" in the first column of this form if you did not conduct a monthly visual observation.
- Make additional copies of this form as necessary.
- Until a monthly visual observation is made, record any eligible storm events that do not result in a storm water discharge and note the date, time, name, and title of who observed there was no storm water discharge

| | | | | | |
|---|---|---|---|---|---|
| Observation Date: February ____ 2004 | Drainage Location Description | #1 SW Corner | #2 | #3 | #4 |
| Observers Name: _____ | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: _____ | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: _____ | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: March ____ 2004 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: _____ | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: _____ | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: _____ | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: April ____ 2004 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: _____ | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: _____ | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: _____ | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |
| Observation Date: May ____ 2004 | Drainage Location Description | #1 | #2 | #3 | #4 |
| Observers Name: _____ | Observation Time | No Rain ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Title: _____ | Time Discharge Began | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. | : ☐ P.M. ☐ A.M. |
| Signature: _____ | Were Pollutants Observed (If yes, complete reverse side) | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ | YES ☐ NO ☐ |

03 - 2004
ANNUAL REPORT

SIDE A

# FORM 5-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
## POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6,28,04 INSPECTOR NAME: Ruthanne Walker TITLE: HSSE Advisor SIGNATURE: Ruthanne Walker

| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as Identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
|---|---|---|---|---|---|
| Tank Farm | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as Identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Truck Rack | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as Identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Vapor Recovery Unit | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as Identified in your SWPPP) | | | If yes, to either question, complete the next two columns of this form | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Pumpback & Ethanol Unloading Area | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |

03 - 2004

ANNUAL REPORT

SIDE B

# FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
## POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: 6/28/04 INSPECTOR NAME: Ruthanne Walker TITLE: HSSE Advisor SIGNATURE: Ruthanne Walker

| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
|---|---|---|---|---|---|
| Parking Lot + Driveways | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Pipeline Manifold | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| Other | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☒ NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☒ NO | | | |
| POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP) | | | | Describe deficiencies in BMPs or BMP implementation | Describe additional/revised BMPs or corrective actions and their date(s) of implementation |
| | HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED? | ☐ YES ☐ NO | If yes, to either question, complete the next two columns of this form | | |
| | ARE ADDITIONAL/REVISED BMPs NECESSARY? | ☐ YES ☐ NO | | | |

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# LABORATORY REPORT

Prepared For: BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project: San Diego Terminal
Stormwater

Sampled: 10/21/04
Received: 10/22/04
Revised: 11/17/04 16:25

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| INJ1654-01 | Sample 1 | Water |

Reviewed By:

Wendy Kirkeeng

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager



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|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| DRO (C13 - C22) | EPA 8015B | 4J27036 | 0.59 | ND | 1.18 | 10/27/2004 | 10/27/2004 | |
| EFH (C13 - C40) | EPA 8015B | 4J27036 | 0.59 | ND | 1.18 | 10/27/2004 | 10/27/2004 | |
| *Surrogate: n-Octacosane (45-125%)* | | | | *79 %* | | | | |

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Project Manager

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|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

## VOLATILE FUEL HYDROCARBONS/BTEX (EPA 5030B/8015M/8021B)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: ug/l | | | | | | | | |
| Volatile Fuel Hydrocarbons (C6-C12) | EPA 8015B/8021B | 4K03002 | 50 | ND | 1 | 11/3/2004 | 11/3/2004 | |
| Benzene | EPA 8015B/8021B | 4K03002 | 0.30 | ND | 1 | 11/3/2004 | 11/3/2004 | |
| Toluene | EPA 8015B/8021B | 4K03002 | 0.30 | ND | 1 | 11/3/2004 | 11/3/2004 | |
| Ethylbenzene | EPA 8015B/8021B | 4K03002 | 0.30 | ND | 1 | 11/3/2004 | 11/3/2004 | |
| Total Xylenes | EPA 8015B/8021B | 4K03002 | 0.60 | ND | 1 | 11/3/2004 | 11/3/2004 | |
| *Surrogate: 4-BFB (PID) (60-135%)* | | | | *107 %* | | | | |
| *Surrogate: 4-BFB (FID) (60-135%)* | | | | *85 %* | | | | |

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal Stormwater
Report Number: INJ1654

Sampled: 10/21/04
Received: 10/22/04

## INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: °C | | | | | | | | |
| Flashpoint | EPA 1010 | 4J25070 | 20 | >94 | 1 | 10/25/2004 | 10/25/2004 | |
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| Total Organic Carbon | EPA 415.1 | 4K01073 | 10 | 22 | 10 | 11/1/2004 | 11/1/2004 | |
| Total Suspended Solids | EPA 160.2 | 4J28092 | 10 | ND | 1 | 10/28/2004 | 10/28/2004 | |
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: umhos/cm | | | | | | | | |
| Specific Conductance | EPA 120.1 | 4J30056 | 1.0 | 560 | 1 | 10/30/2004 | 10/30/2004 | |

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal Stormwater
Report Number: INJ1654

Sampled: 10/21/04
Received: 10/22/04

## Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INJ1654-01 (Sample 1 - Water)** | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| Oil & Grease (HEM) | EPA 1664A | 4K01039 | 5.5 | ND | 1.1 | 11/1/2004 | 11/2/2004 | |

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| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

**METHOD BLANK/QC DATA**

## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4J27036 Extracted: 10/27/04** | | | | | | | | | | |
| **Blank Analyzed: 10/27/04 (4J27036-BLK1)** | | | | | | | | | | |
| DRO (C18 - C22) | ND | 0.50 | mg/l | | | | | | | |
| EPH (C18 - C40) | ND | 0.50 | mg/l | | | | | | | |
| *Surrogate: n-Octacosane* | *0.166* | | *mg/l* | *0.200* | | *83* | *45-125* | | | |
| | | | | | | | | | | M-NR1 |
| **LCS Analyzed: 10/27/04 (4J27036-BS1)** | | | | | | | | | | |
| EPH (C18 - C40) | 0.645 | 0.50 | mg/l | 0.775 | | 83 | 40-115 | | | |
| *Surrogate: n-Octacosane* | *0.176* | | *mg/l* | *0.200* | | *88* | *45-125* | | | |
| **LCS Dup Analyzed: 10/27/04 (4J27036-BSD1)** | | | | | | | | | | |
| EPH (C18 - C40) | 0.556 | 0.50 | mg/l | 0.775 | | 72 | 40-115 | 15 | 25 | |
| *Surrogate: n-Octacosane* | *0.170* | | *mg/l* | *0.200* | | *85* | *45-125* | | | |

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BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal Stormwater
Report Number: INJ1654

Sampled: 10/21/04
Received: 10/22/04

METHOD BLANK/QC DATA

## VOLATILE FUEL HYDROCARBONS/BTEX (EPA 5030B/8015M/8021B)

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4K03002 Extracted: 11/03/04** | | | | | | | | | | |
| **Blank Analyzed: 11/03/04 (4K03002-BLK1)** | | | | | | | | | | |
| Volatile Fuel Hydrocarbons (C6-C12) | ND | 50 | ug/l | | | | | | | |
| Benzene | ND | 0.30 | ug/l | | | | | | | |
| Toluene | ND | 0.30 | ug/l | | | | | | | |
| Ethylbenzene | ND | 0.30 | ug/l | | | | | | | |
| Total Xylenes | ND | 0.60 | ug/l | | | | | | | |
| *Surrogate: 4-BFB (FID)* | *11.2* | | *ug/l* | *10.0* | | *112* | *60-135* | | | |
| *Surrogate: 4-BFB (FID)* | *9.26* | | *ug/l* | *10.0* | | *93* | *60-135* | | | |
| **LCS Analyzed: 11/03/04 (4K03002-BS1)** | | | | | | | | | | |
| Volatile Fuel Hydrocarbons (C6-C12) | 245 | 50 | ug/l | 220 | | 111 | 70-135 | | | |
| Benzene | 20.6 | 0.30 | ug/l | 20.0 | | 103 | 80-120 | | | |
| Toluene | 21.7 | 0.30 | ug/l | 20.0 | | 108 | 80-120 | | | |
| Ethylbenzene | 23.9 | 0.30 | ug/l | 20.0 | | 120 | 85-120 | | | |
| Total Xylenes | 69.0 | 0.60 | ug/l | 60.0 | | 115 | 80-120 | | | |
| *Surrogate: 4-BFB (FID)* | *11.8* | | *ug/l* | *10.0* | | *118* | *60-135* | | | |
| *Surrogate: 4-BFB (FID)* | *10.6* | | *ug/l* | *10.0* | | *106* | *60-135* | | | |
| **Matrix Spike Analyzed: 11/03/04 (4K03002-MS1)** | | | | | Source: INJ1902-05 | | | | | |
| Volatile Fuel Hydrocarbons (C6-C12) | 156000 | 25000 | ug/l | 110000 | 46000 | 100 | 60-135 | | | |
| Benzene | 12500 | 150 | ug/l | 10000 | 2600 | 97 | 70-125 | | | |
| Toluene | 19800 | 150 | ug/l | 10000 | 11000 | 88 | 80-120 | | | |
| Ethylbenzene | 13200 | 150 | ug/l | 10000 | 2200 | 110 | 80-120 | | | |
| Total Xylenes | 42200 | 300 | ug/l | 30000 | 11000 | 104 | 75-120 | | | |
| *Surrogate: 4-BFB (FID)* | *5790* | | *ug/l* | *5000* | | *116* | *60-135* | | | |
| *Surrogate: 4-BFB (FID)* | *5470* | | *ug/l* | *5000* | | *109* | *60-135* | | | |
| **Matrix Spike Dup Analyzed: 11/03/04 (4K03002-MSD1)** | | | | | Source: INJ1902-05 | | | | | |
| Volatile Fuel Hydrocarbons (C6-C12) | 160000 | 25000 | ug/l | 110000 | 46000 | 104 | 60-135 | 3 | 20 | |
| Benzene | 12000 | 150 | ug/l | 10000 | 2600 | 94 | 70-125 | 2 | 20 | |
| Toluene | 19300 | 150 | ug/l | 10000 | 11000 | 83 | 80-120 | 3 | 20 | |
| Ethylbenzene | 12900 | 150 | ug/l | 10000 | 2200 | 107 | 80-120 | 2 | 20 | |
| Total Xylenes | 41100 | 300 | ug/l | 30000 | 11000 | 100 | 75-120 | 3 | 20 | |
| *Surrogate: 4-BFB (FID)* | *5720* | | *ug/l* | *5000* | | *114* | *60-135* | | | |
| *Surrogate: 4-BFB (FID)* | *5580* | | *ug/l* | *5000* | | *112* | *60-135* | | | |

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| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92115<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4J25070 Extracted: 10/25/04** | | | | | | | | | | |
| **Reference Analyzed: 10/25/04 (4J25070-SRM1)** | | | | | | | | | | |
| Flashpoint | 26.0 | 20 | °C | 27.0 | | 96 | 96-104 | | | |
| **Batch: 4J28092 Extracted: 10/28/04** | | | | | | | | | | |
| **Blank Analyzed: 10/28/04 (4J28092-BLK1)** | | | | | | | | | | |
| Total Suspended Solids | ND | 10 | mg/l | | | | | | | |
| **LCS Analyzed: 10/28/04 (4J28092-BS1)** | | | | | | | | | | |
| Total Suspended Solids | 992 | 10 | mg/l | 1000 | | 99 | 85-115 | | | |
| **Duplicate Analyzed: 10/28/04 (4J28092-DUP1)** | | | | | Source: INJ1804-01 | | | | | |
| Total Suspended Solids | 40.0 | 10 | mg/l | | 41 | | | 2 | 10 | |
| **Batch: 4J30036 Extracted: 10/30/04** | | | | | | | | | | |
| **Duplicate Analyzed: 10/30/04 (4J30036-DUP1)** | | | | | Source: INJ1861-04 | | | | | |
| Specific Conductance | 5010 | 1.0 | umhos/cm | | 4900 | | | 2 | 5 | |
| **Batch: 4K01073 Extracted: 11/01/04** | | | | | | | | | | |
| **Blank Analyzed: 11/01/04 (4K01073-BLK1)** | | | | | | | | | | |
| Total Organic Carbon | ND | 1.0 | mg/l | | | | | | | |
| **LCS Analyzed: 11/01/04 (4K01073-BS1)** | | | | | | | | | | |
| Total Organic Carbon | 10.2 | 1.0 | mg/l | 10.0 | | 102 | 90-110 | | | |

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Project Manager

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| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

# METHOD BLANK/QC DATA

## INORGANICS

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4K01073 Extracted: 11/01/04** | | | | | | | | | | |
| **Matrix Spike Analyzed: 11/01/04 (4K01073-MS1)** | | | | | Source: INJ1679-05 | | | | | |
| Total Organic Carbon | 67.6 | 5.0 | mg/l | 25.0 | 72 | -18 | 80-120 | | | M2 |
| **Matrix Spike Dup Analyzed: 11/01/04 (4K01073-MSD1)** | | | | | Source: INJ1679-05 | | | | | |
| Total Organic Carbon | 65.0 | 5.0 | mg/l | 25.0 | 72 | -24 | 80-120 | 2 | 20 | M2 |

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2620 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 799-9721

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

## METHOD BLANK/QC DATA

### Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|---|---|
| **Batch: 4K01039 Extracted: 11/01/04** | | | | | | | | | | |
| **Blank Analyzed: 11/02/04 (4K01039-BLK1)** | | | | | | | | | | |
| Oil & Grease (HEM) | ND | 5.0 | mg/l | | | | | | | |
| **LCS Analyzed: 11/02/04 (4K01039-BS1)** | | | | | | | | | | |
| Oil & Grease (HEM) | 19.6 | 5.0 | mg/l | 20.0 | | 98 | 78-118 | | | |
| **LCS Dup Analyzed: 11/02/04 (4K01039-BSD1)** | | | | | | | | | | |
| Oil & Grease (HEM) | 19.1 | 5.0 | mg/l | 20.0 | | 96 | 78-118 | 3 | 18 | |

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1040
9484 Chesapeake Dr., Suite 806, San Diego, CA 92123 (858) 505-8592 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| > | Result is greater than the indicated value. |
| M2 | The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS). |
| M-NRI | There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate. |
| ND | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| RPD | Relative Percent Difference |

## ADDITIONAL COMMENTS

For Volatile Fuel Hydrocarbons (C6-C12):

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO):

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

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Wendy Kirkseeng For Chris Roberts
Project Manager

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1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8520 FAX (858) 505-9689
8850 South Rita St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2620 E. Sunset Rd. #5, Las Vegas, NV 89120 (702) 798-2020 FAX (702) 798-2021

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| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INJ1654 | Sampled: 10/21/04<br>Received: 10/22/04 |

## Certification Summary

Del Mar Analytical, Irvine

| Method | Matrix | NELAP | CA |
|---|---|---|---|
| EPA 1010 | Water | X | X |
| EPA 120.1 | Water | X | X |
| EPA 160.2 | Water | X | X |
| EPA 415.1 | Water | X | X |
| EPA 8015B/8021B | Water | X | X |
| EPA 8015B | Water | X | X |

*NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.*

Subcontracted Laboratories

Sequoia Analytical, Morgan Hill *CA ELAP Cert #1210 and AZ DHS License #01117CA*
885 Jarvis Drive - Morgan Hill, CA 95037
Method Performed: EPA 1664A
Sample: INJ1654-01

Del Mar Analytical, Irvine
Wendy Kirkeeng For Chris Roberts
Project Manager

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Received Time Nov. 29. 11:50AM

949-261-1022

Chris Roberts

bp

# Chain of Custody Record

Page ___ of ___

**Project Name** Tank Farm Discharge

**BP BU/GEM CO Portfolio:**

**BP Laboratory Contract Number:**

**Date:** 10-21-04

**Requested Due Date (mm/dd/yy)** [illegible]

| | |
|---|---|
| On-site Time: [illegible] | Temp: [illegible] |
| Off-site Time: | Temp: |
| Sky Conditions: Cloudy | |
| Meteorological Events: Rain | |
| Wind Speed: | Direction: |

| | | |
|---|---|---|
| **Send To:** | BP/GEM Facility No.: [illegible] | Consultant/Contractor: |
| Lab Name: [illegible] | BP/GEM Facility Address: | Address. |
| Lab Address: | Site ID No. | |
| | Site Lat/Long: | e-mail EDD: |
| | California Global ID #: | Consultant/Contractor Project No.: |
| Lab PM: | BP/GEM PM Contact: [illegible] | Consultant/Contractor Tele/Fax: |
| Tele/Fax: | Address: [illegible] | Consultant/Contractor PM: |
| Report Type & QC Level: | [illegible] | Invoice to: Consultant/Contractor or BP/GEM (Circle o |
| BP/GEM Account No.: | Tele/Fax: [illegible] | BP/GEM Work Release No: |

Lab Bottle Order No:

| Item No. | Sample Description | Time | Matrix: Soil/Solid | Matrix: Water/Liquid | Matrix: Sediments | Matrix: Air | Laboratory No. | No. of containers | Preservatives: Unpreserved | Preservatives: $H_2SO_4$ | Preservatives: $HNO_3$ | Preservatives: HCl | | | Requested Analysis: BTEX 8021 | Requested Analysis: BTEX/TPH | Requested Analysis: EPA 8260 | Requested Analysis: EPA 8270 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | Sample Point Lat/Long Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 ✓ | 500ml Poly | | | X | | | | 2 | X | | | | | | | | | | X | | | | | | ✓ |
| 2 ✓ | 1L Amber | | | X | | | | 1 | | | | X | | | | | | | | X | | | | | |
| 3 ✓ | 1L Amber | | | X | | | | 1 | X | | | | | | | | | | | | X | | | | |
| 4 | 40ml Vial | | | X | | | | 3 | | | | X | | | X | | | | | | | | | | |
| 5 | 40ml Vial | | | X | | | | 2 | | | | X | | | | | | | | | | X | | | |
| 6 | 40ml Vial | | | X | | | | 2 | | | | X | | | | | | | | | | | X | | |
| 7 | 40ml Vial | | | X | | | | 1 | | | | X | | | | | | | | | | | | X | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | |

| | Relinquished By / Affiliation | Date | Time | Accepted By / Affiliation | Date | Time |
|---|---|---|---|---|---|---|
| Sampler's Name: [illegible] | | | | | | |
| Sampler's Company: BP [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| Shipment Date: 10-21-04 | | | | | | |
| Shipment Method: Courier | | | | | | |
| Shipment Tracking No: | | | | | | |

**Special Instructions:** [illegible]

Custody Seals In Place Yes___ No___ Temperature Blank Yes___ No___ Cooler Temperature on Receipt ___ °F/C Trip Blank Yes___ No___

CONSULTANT/CONTRACTOR

BP COC Rev.1 2/5/02

Del Mar Analytical

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2220 E. Patrick Rd. #2, Las Vegas, NV 89120 (702) 796-9620 FAX (702) 798-3621

# LABORATORY REPORT

Prepared For: BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project: San Diego Terminal
Stormwater

Sampled: 10/27/04
Received: 10/29/04
Issued: 11/24/04 16:11

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.*
*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| INK0004-01 | Stormwater | Water |

Reviewed By:

C. Roberts

Del Mar Analytical, Irvine
Chris Roberts
Project Manager



NOV. 29. 2004 1:44PM DEL-MAR ANALYTICAL NO. 0842 P. 2/7

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9850 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0037
1220 E. Street Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal<br>Stormwater<br>Report Number: INK0004 | Sampled: 10/27/04<br>Received: 10/29/04 |

## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INK0004-01 (Stormwater - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| DRO (C13 - C22) | EPA 8015B | 4K01077 | 0.50 | ND | 0.952 | 11/1/2004 | 11/1/2004 | |
| EFH (C13 - C40) | EPA 8015B | 4K01077 | 0.50 | ND | 0.952 | 11/1/2004 | 11/1/2004 | |
| *Surrogate: n-Octacosane (45-125%)* | | | | *70 %* | | | | |

Del Mar Analytical, Irvine
Chris Roberts
Project Manager

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9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9850 South 51st St., Suite B-130, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2010 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-2650 FAX (702) 798-2651

# LABORATORY REPORT

Prepared For: BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project: San Diego Terminal
Stormwater

Sampled: 10/27/04
Received: 10/29/04
Issued: 11/24/04 16:11

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its clients. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

| LABORATORY ID | CLIENT ID | MATRIX |
|---|---|---|
| INK0004-01 | Stormwater | Water |

Reviewed By:

Del Mar Analytical, Irvine
Chris Roberts
Project Manager



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9850 South 51st St., Suite B-120, Phoenix, AZ 85044 (420) 785-0043 FAX (420) 785-0851
35201 Sunset Rd. #2 Las Vegas, NV 89130 (702) 798-3620 FAX (702) 798-3621

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal<br>Stormwater<br>Report Number: INK0004 | Sampled: 10/27/04<br>Received: 10/29/04 |

## EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INK0004-01 (Stormwater - Water)** | | | | | | | | |
| **Reporting Units: mg/l** | | | | | | | | |
| DRO (C13 - C22) | EPA 8015B | 4K01077 | 0.50 | ND | 0.952 | 11/1/2004 | 11/1/2004 | |
| EFH (C15 - C40) | EPA 8015B | 4K01077 | 0.50 | ND | 0.952 | 11/1/2004 | 11/1/2004 | |
| *Surrogate: n-Octacosane (45-125%)* | | | | *70 %* | | | | |

Del Mar Analytical, Irvine
Chris Roberts
Project Manager

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9530 South 51st St., Suite B-122, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #2, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

BP - San Diego Terminal
2295 Harbor Dr.
San Diego, CA 92113
Attention: Michael Burke

Project ID: San Diego Terminal
Stormwater
Report Number: INK0004

Sampled: 10/27/04
Received: 10/29/04

# INORGANICS

| Analyte | Method | Batch | Reporting Limit | Sample Result | Dilution Factor | Date Extracted | Date Analyzed | Data Qualifiers |
|---|---|---|---|---|---|---|---|---|
| **Sample ID: INK0004-01 (Stormwater - Water)** | | | | | | | | |
| Reporting Units: mg/l | | | | | | | | |
| Hexane Extractable Material | EPA 1664 | 4K02035 | 5.0 | 21 | 1 | 11/2/2004 | 11/2/2004 | |
| Total Organic Carbon | EPA 415.1 | 4K04097 | 1.0 | 4.5 | 1 | 11/4/2004 | 11/4/2004 | |
| Total Suspended Solids | EPA 160.2 | 4K02083 | 10 | ND | 1 | 11/2/2004 | 11/2/2004 | |
| **Sample ID: INK0004-01 (Stormwater - Water)** | | | | | | | | |
| Reporting Units: umhos/cm | | | | | | | | |
| Specific Conductance | EPA 120.1 | 4K05099 | 1.0 | 15 | 1 | 11/5/2004 | 11/5/2004 | |

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Chris Roberts
Project Manager

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2550 S. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal<br>Stormwater<br>Report Number: INK0004 | Sampled: 10/27/04<br>Received: 10/29/04 |

## DATA QUALIFIERS AND DEFINITIONS

| | |
|---|---|
| M-NR1 | There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike/Blank Spike Duplicate. |
| ND | Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified. |
| RPD | Relative Percent Difference |

## ADDITIONAL COMMENTS

**For Volatile Fuel Hydrocarbons (C6-C12):**

Volatile Fuel Hydrocarbons (C6-C12) are quantitated against a gasoline standard.

**For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :**

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
Chris Roberts
Project Manager

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2320 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 796-5620 FAX (702) 796-7621

| | | |
|---|---|---|
| BP - San Diego Terminal<br>2295 Harbor Dr.<br>San Diego, CA 92113<br>Attention: Michael Burke | Project ID: San Diego Terminal Stormwater<br>Report Number: INK0004 | Sampled: 10/27/04<br>Received: 10/29/04 |

## Certification Summary

**Del Mar Analytical, Irvine**

| Method | Matrix | NELAP | CA |
|---|---|---|---|
| EPA 120.1 | Water | X | X |
| EPA 160.2 | Water | X | X |
| EPA 1664 | Water | | |
| EPA 415.1 | Water | X | X |
| EPA 8015B/8021B | Water | X | X |
| EPA 8015B | Water | X | X |

*NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.*

**Del Mar Analytical, Irvine**
Chris Roberts
Project Manager

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1014 E. Cooley Dr., Suite A Colton, CA 92324 (909) 370-4667 FAX (909) 370-1046
16525 Sherman Way, Suite C-11, Van Nuys, CA 91406 (818) 779-1844 FAX (818) 779-1843
9830 South 51st St., Suite B 120, Phoenix, AZ 85044 (602) 785-0043 FAX (602) 785-0851
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (619) 505-9596 FAX (619) 505-9689

SW-

# STORM WATER CHAIN OF CUSTODY FORM

Quote No _____ Pg ____

Client Name:

Address:

City: State: Zip:

Tel: Fax:

P.O./Project Number:

Project Name:

Project Manager:

Sampler(s) Signature:

| Sample I.D. | Matrix | Date Sampled | Time | Preservation | Number of Containers | Type of Containers | Oil & Grease - EPA 413.2 | TRPH - EPA 418.1 | pH | Specific Conductance | Total Organic Carbon | Total Suspended Solids |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | ✓ |
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Relinquished by: Date/Time:

Relinquished by: Date/Time:

Relinquished by: Date/Time:

Received by: Date/Time:

Received by: Date/Time:

Received in Lab by: Date/Time:

Turnaround Time: (ch

Same Day ____ 72 h

24 Hours ____ 5

48 Hours ____ Star

Sample Integrity

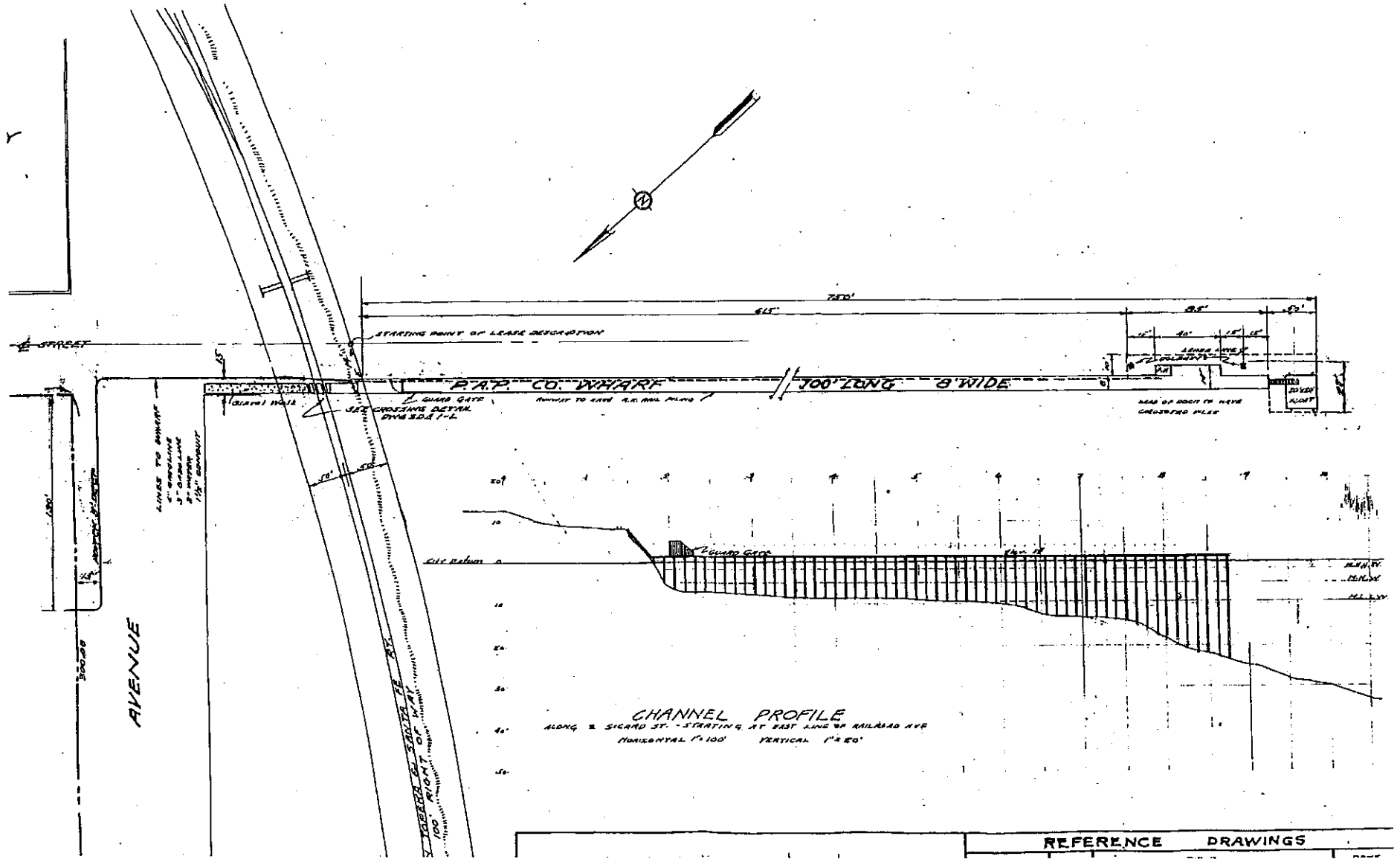
Intact ____ C

Remarks:

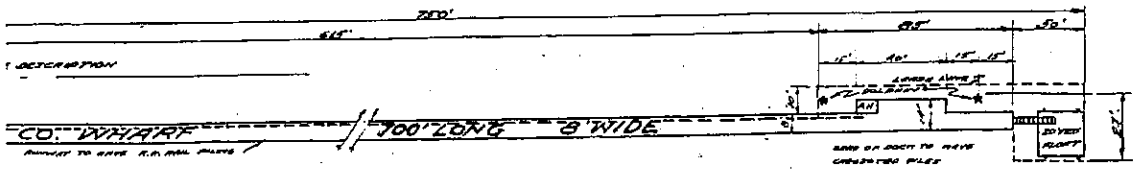
Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of the invoice. Sample(s) will be disposed of after 30 days.

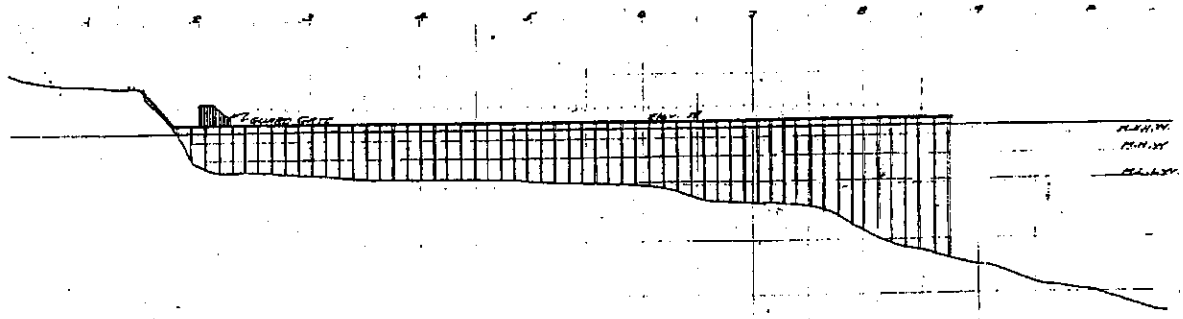
# APPENDIX E
# HISTORICAL BP PIER CONSTRUCTION AND USE DOCUMENTS

Technical Exhibits for BP West Coast Products LLC's Response to Tentative Cleanup and Abatement Order R9-2005-0126
BP west Coast Products, LLC
BP San Diego Terminal (Facility 33T)
2295 East Harbor Drive
San Diego, CA 92113
08BP.0033T.05
June 15, 2005

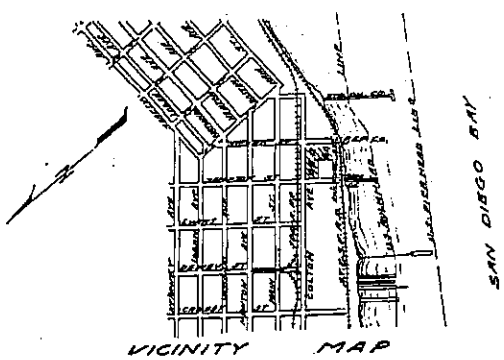


750'
615'
85'
STARTING POINT OF LEASE DESCRIPTION
P.A.P. CO. WHARF
700' LONG 8' WIDE
GUARD GATE
SEE CROSSING DETAIL
AVENUE
CHANNEL PROFILE
ALONG ℄ SICARD ST. - STARTING AT EAST LINE OF RAILROAD AVE
HORIZONTAL 1" = 100'
VERTICAL 1" = 20'
REFERENCE DRAWINGS

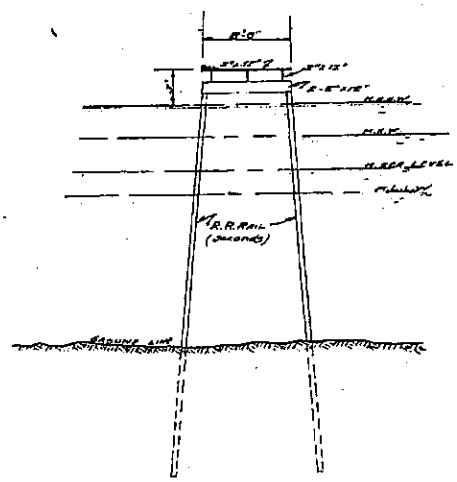



CHANNEL PROFILE
ALONG ℄ SICARD ST. - STARTING AT EAST LINE OF RAILROAD AVE
HORIZONTAL 1"=100' VERTICAL 1"=20'




VICINITY MAP




TYPICAL SECTION THRU WHARF
Scale 1"=10'

## REFERENCE DRAWINGS

| NUMBER | SHEET | TITLE | DATE |
|---|---|---|---|
| SDE1-L | 1 | PIPE LINE CROSSING - AT&SF RY | 5-11-26 |

| DATE | REVISIONS | REV BY | TR. BY | CKD BY | APP. | APP. |
|---|---|---|---|---|---|---|

| DATE | DESCRIPTION |
|---|---|

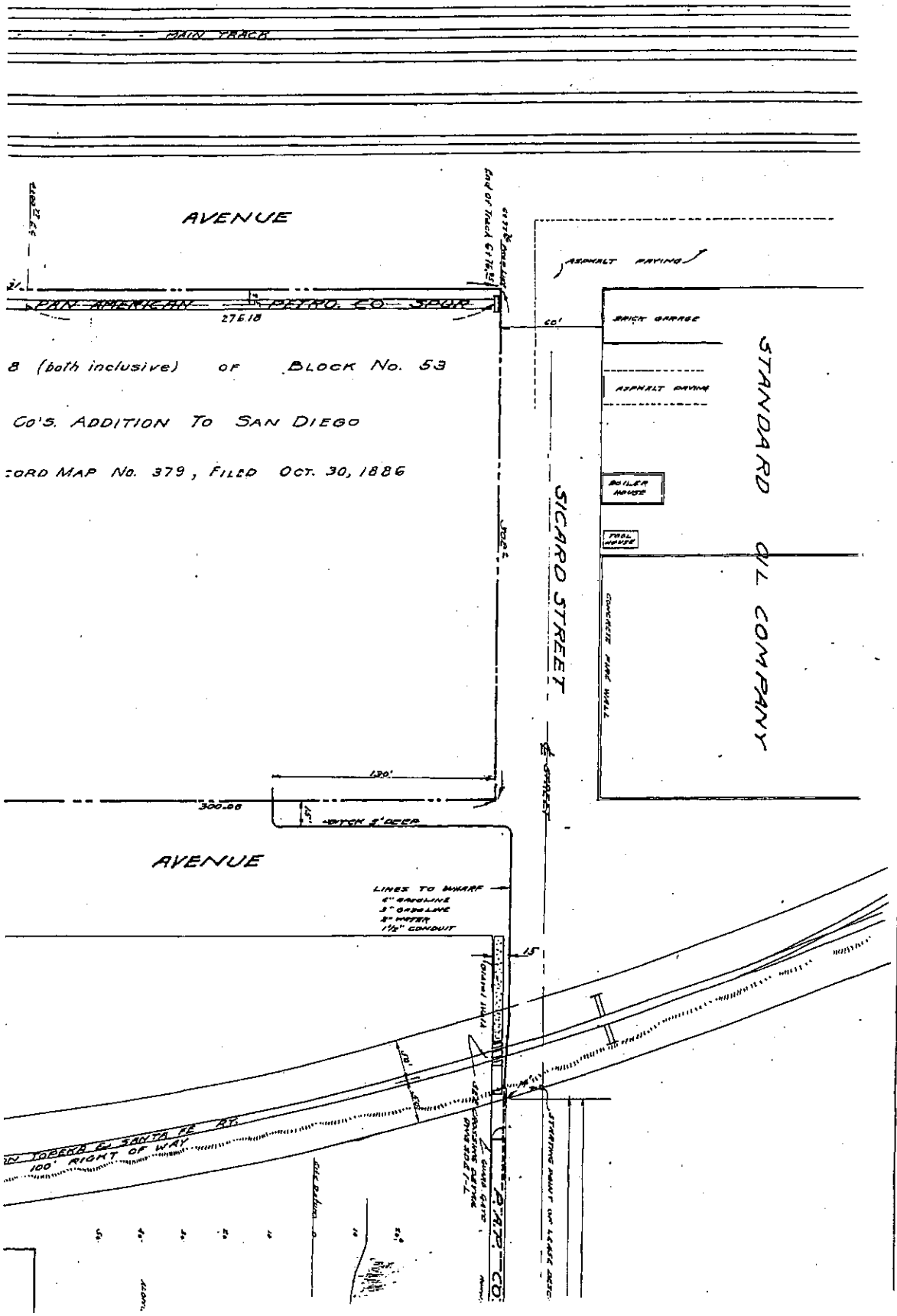
PAN AMERICAN PETROLEUM CO.

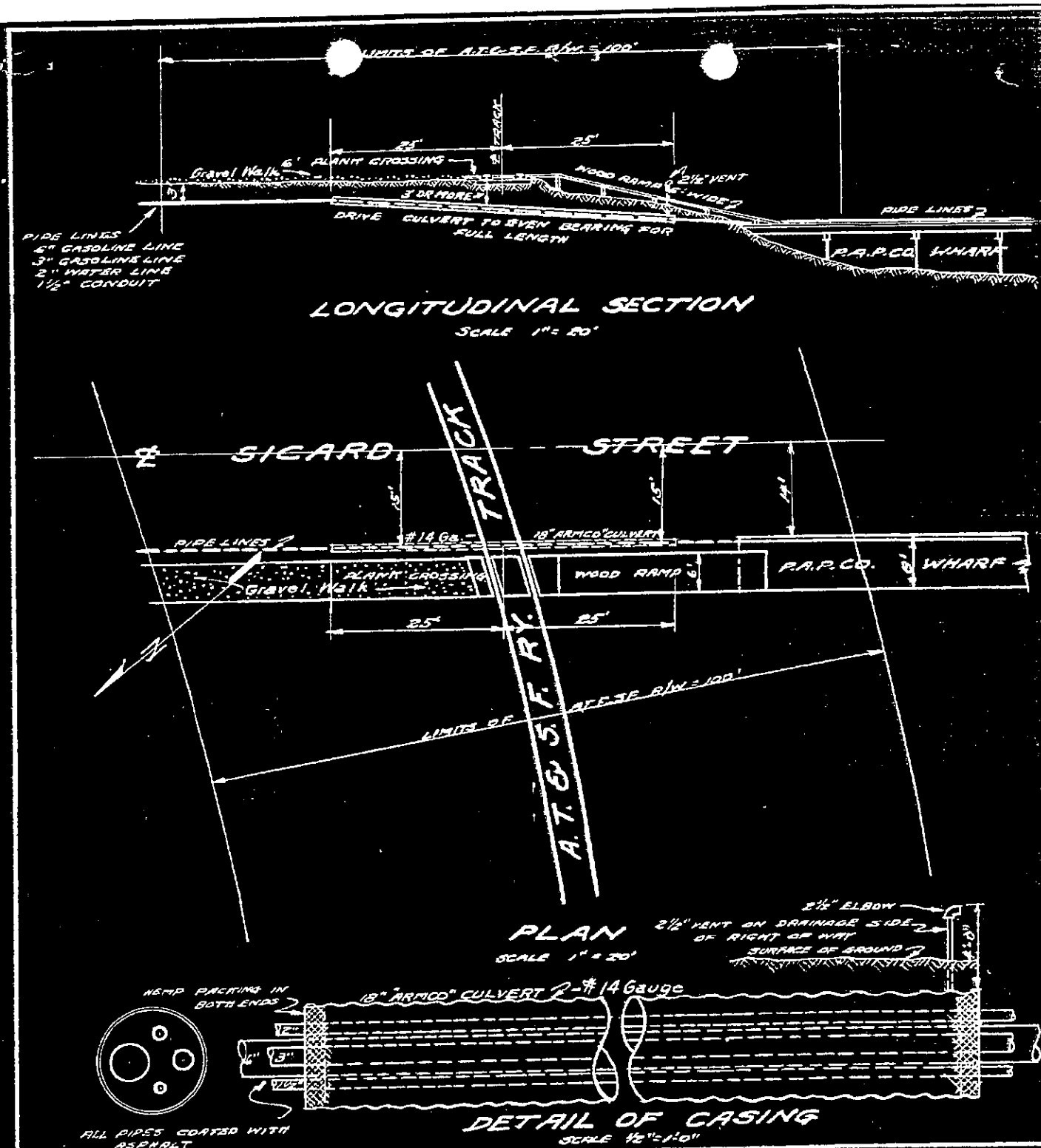
GENERAL SALES DEPT. LOS ANGELES, CALIF.

LOCATION MAP - SPUR TRACK
WHARF & WHARF LINES
SAN DIEGO, CALIF.
MAIN STATION

SCALE: 1"=50'
DATE: MAY 7TH 1926
DR: C.L. JONES
TR: C.L. JONES
CH: L.A.M. - H.O.N.
APP: Jan T. Armitage

No SDE2


MAIN TRACK
AVENUE
PAN AMERICAN PETRO. CO. SPUR
276.18
8 (both inclusive) OF BLOCK No. 53
CO'S. ADDITION TO SAN DIEGO
CORD MAP No. 379, FILED OCT. 30, 1886
End of Track 6+76.85
ASPHALT PAVING
BRICK GARAGE
ASPHALT PAVING
BOILER HOUSE
TOOL HOUSE
CONCRETE FIRE WALL
STANDARD OIL COMPANY
SICARD STREET
℄ STREET
130'
300.08
15'
DITCH 5' DEEP
AVENUE
LINES TO WHARF
6" GASOLINE
3" GASOLINE
2" WATER
1½" CONDUIT
15
DIAMOND WALK
SEE CROSSING DETAIL ONE SIDE I-L
GUARD GATE
STARTING POINT OF LEASE DESC.
P.A.P. CO.
TOPEKA & SANTA FE RY.
100' RIGHT OF WAY




NOTE :-
MAXIMUM PRESSURE NOT TO EXCEED 100 LBS PER SQUARE INCH.

**PAN AMERICAN PETROLEUM CO.**

GENERAL SALES DEPT. LOS ANGELES, CAL.

REVISED

MAP OF PIPE LINE CROSSING UNDER A.T.&S.F. RY. TRACKS AT SICARD ST.
SAN DIEGO, CALIF.
MAIN STATION

DWG. NO. SDE11 REF.

DRAWN C.L.J. TRACED C.L.J. CHECKED

APPROVED [signature] CHIEF ENGINEER

RICHFIELD OIL CORPORATION
155 WEST WASHINGTON BLVD. LOS ANGELES 15 • CALIF.

16 July, 1948

RECEIVED
JUL 19 1948
HARBOR DEPT.
General Office

Port Director
Harbor Department
CITY OF SAN DIEGO
San Diego, California

SUBJECT: Lease and Wharf Improvements
Plat #71-B-1 & Extensions
San Diego Harbor

Dear Sir:

Pursuant to conversations with your Messrs. Reupsch and Goodman of 15 July, 1948, we request that you prepare lease papers between the City of San Diego, as Lessor, and the Richfield Oil Corporation, as Lessee, consolidating in one instrument the following:

1- A lease for a period of five (5) years with option for renewal for three (3) additional five (5) year periods, a total of twenty (20) years in all, covering that area formerly under permit from the City of San Diego to the Richfield Oil Corporation as described in Plat #71-B-1 and, in addition to that, an area as necessary to include proposed extensions to docking facilities as shown on Richfield Oil Corporation Preliminary Plan #M-102. You have in your hands a copy of this print.

2- A permit for construction of said additional facilities.

3- An easement for pipe line right of way of equivalent duration to the lease from the adjacent Standard Oil Company leased area to the property of the San Diego Packing Company.

4- Approval of an easement for pipe line right of way across the San Diego Packing Company property to the Richfield Oil Corporation leased area, copy of such easement when secured from San Diego Packing Company to be attached to and made part of the consolidated lease, easement, and permit instrument.

The contemplated construction of an extension to our existing wharf and fueling facilities including the pipe line tie-in with the Standard Oil Company's loading lines will, we believe, work to the betterment of all concerned for the following reasons:

1- Discharging of barges from our present fueling dock will be eliminated, thus materially reducing hazards due to presence of large quantities of inflammables at our commercial fishing boat fueling station.

2- Discharging of cargoes through the facilities of the Standard Oil Company presently existing, will improve general traffic conditions in the vicinity.

3- Provision of additional facilities will enhance fueling and servicing of the increasing commercial fishing boat fleet and expedite service in connection with requirements of U. S. Naval Units.

Additional plans, specifications, and plats will be furnished you as required. We will appreciate advice from you with regard to such requirements and the opportunity of working closely with your people in order to expedite early completion of this project.

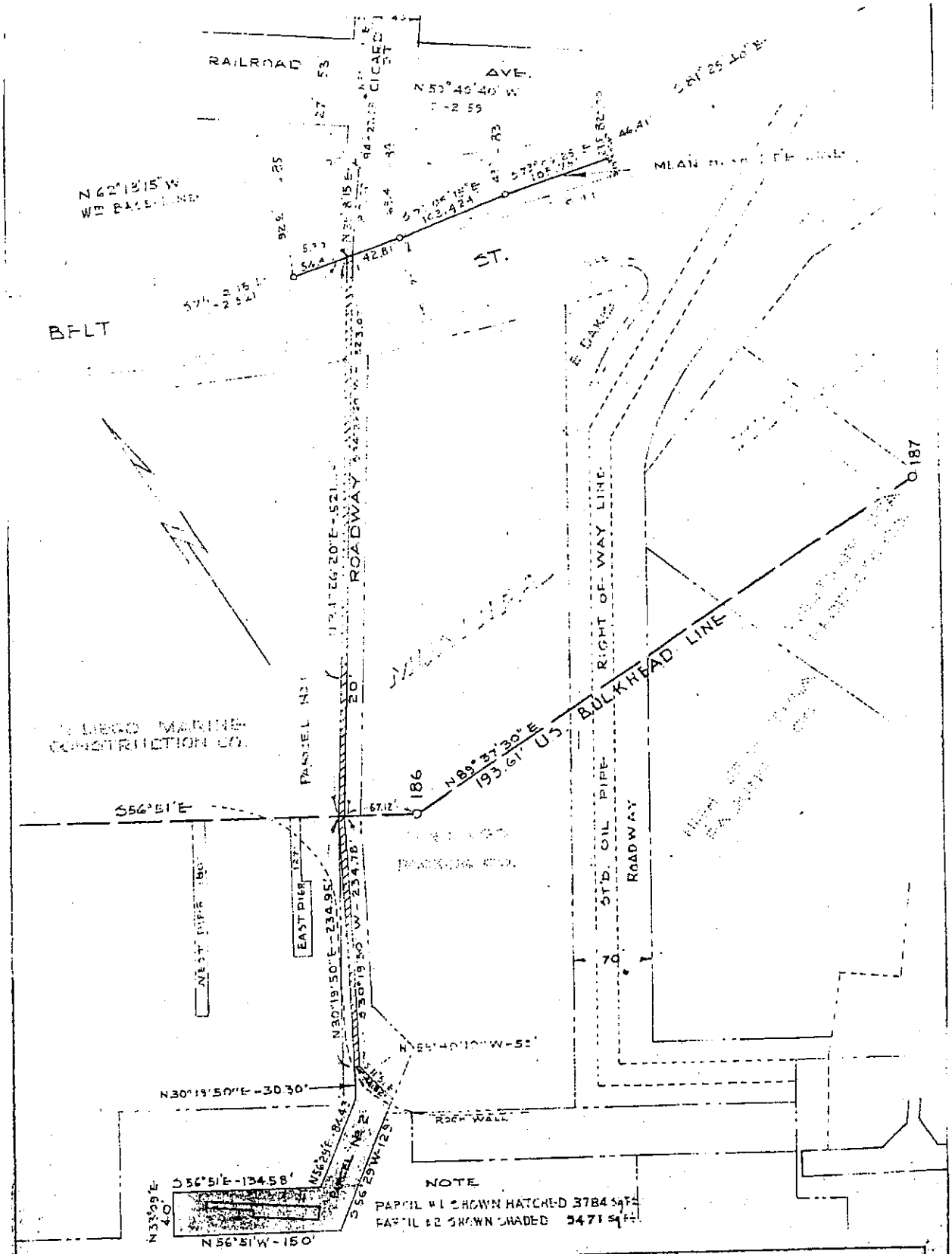
Yours very truly,

RICHFIELD OIL CORPORATION

J. C. HAZELTINE, Manager
Construction & Maintenance Dept.
Southern Division

JCH:LL

cc:Mr. A. C. Carr
Mr. F. H. Podmore
Mr. D. G. White
Mr. J. T. Foster




| | | |
|---|---|---|
| DRAWN BY<br>TRACED BY<br>CHECKED BY<br>APPROVED | HARBOR DEPARTMENT CITY OF SAN DIEGO<br>TIDELAND USE & OCCUPANCY PERMIT<br>RICHFIELD OIL CORP.<br>FOOT OF SICARD ST. | DATE: JUNE 11 '48<br>SCALE 1" = 100'<br>DRAWING No<br>71-B-1 |

645 South Mariposa Avenue
Los Angeles, California 90005
Telephone 213 629 4111

R. D. Williams
Regional Manager

OFFICE OF
RECEIVED
THE PORT DIRECTOR

July 24, 1968

Mr. Don L. Nay, Port Director
San Diego Unified Port District
Post Office Box 458
San Diego, California 92112

Dear Mr. Nay:

This refers to our letter of April 24, 1968, and our subsequent meeting with your Property Manager, Mr. Richard E. Boldrick. Attached is a copy of Mr. Boldrick's letter of April 29, in reply to our letter to you.

As requested by Mr. Boldrick in our meeting, we are attaching, in triplicate, our General Arrangement Drawing of the proposed wharf on our existing leasehold only. As outlined in our April 24 letter, and as the attached General Arrangement shows, we are going to replace, in its entirety, the present badly deteriorated wood facility, including the two dolphins, one to the northwest and the other to the southwest of our existing dock, plus the existing finger protruding northwest from our dock. The new dock will be 30 feet in width, by approximately 533 feet in length, and will include all new product, water and electric lines.

Also attached is copy of self-explanatory letter from Mr. G. E. Hall of the San Diego Marine Construction Company, our neighbor to the northwest, in which he advises he has no objection to our building a new pier. You will also note that Mr. Hall has requested the opportunity of having the California Marine Constructors bid on the construction of the new pier. This we will do.

We are now ready to request a new lease for a period of not less than 20 years, which is necessary for us to amortize this large investment, consisting of the following:

| | |
|---|---|
| Estimated cost of permanent improvements. | $202,000 |
| Estimated cost of removable equipment, pipe lines, etc. | $79,000 |
| Total estimated cost. | $281,000 |

Type of construction to be of concrete piling and caps with treated wood stringers and deck.

We would appreciate your consideration in granting us the necessary 20-year lease on the property presently under lease, which will expire December 31, 1968, and it is hoped that our present lease terms will be satisfactory.

At the present time, our average monthly production amounts to the following:

| | |
|---|---|
| Diesel | 120,000 gallons |
| Lube Oils | 3,300 gallons |
| Gasoline | 1,000 gallons |

With the new facility, we anticipate the following monthly production:

| | |
|---|---|
| Diesel | 200,000 gallons |
| Lube Oils | 5,000 gallons |
| Gasoline | 1,000 gallons (no increase) |

We plan to have this dock engineered by former Assistant Port Director Krooskos, and we cannot proceed with this phase of the planning until we have your approval for a lease extension. In addition, we have budgeted money to commence construction this year, and would therefore appreciate your consideration in granting us the necessary 20-year lease, as soon as possible.

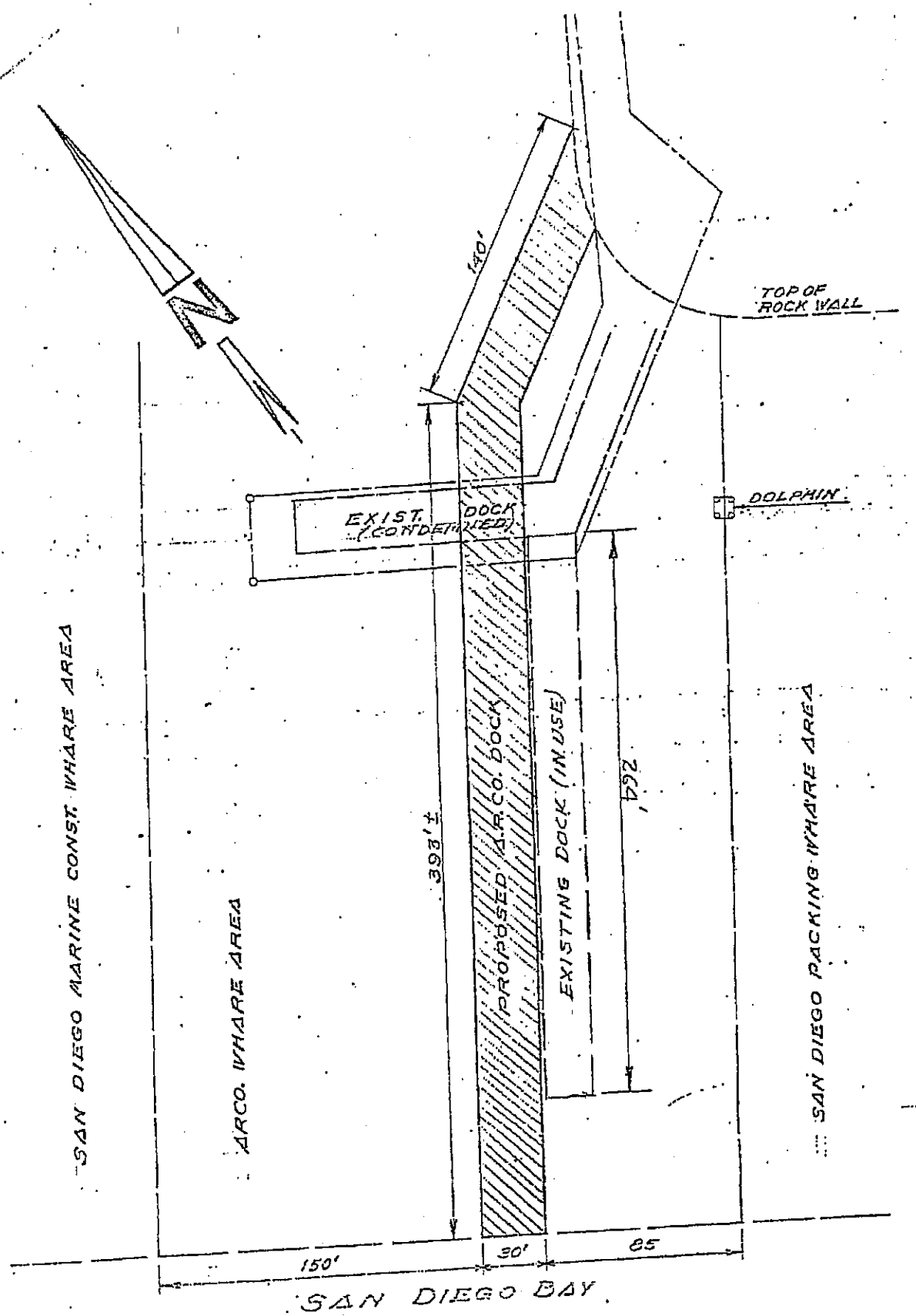
Yours very truly,

R. D. Williams

R. D. Williams, Manager
Southern California Region

RDW/zp
Attachments

cc: Mr. R. E. Boldrick


N
140'
TOP OF ROCK WALL
DOLPHIN
EXIST. DOCK (CONDEMNED)
SAN DIEGO MARINE CONST. WHARE AREA
ARCO. WHARE AREA
393'±
PROPOSED A.R.CO. DOCK
EXISTING DOCK (IN USE)
264'
SAN DIEGO PACKING WHARE AREA
150'
30'
85
SAN DIEGO BAY

AtlanticRichfieldCompany

Products Division
3470 Wilshire Boulevard
Box 75007-Sanford Station
Los Angeles, California 90005
Telephone 213 629 4111

March 4, 1970

Port of San Diego
P. O. Box 488
San Diego, California 92112

Attention: Mr. D. E. Hillman, Jr.
Property Manager

Subject : ATLANTIC RICHFIELD DOCK
FOOT OF SICARD STREET
SAN DIEGO, CALIFORNIA

Gentlemen:

Reference your letter of February 17, 1970, above subject.

In this regard, we are attaching a copy of our Procurement Document issued to the "Guy F. Atkinson Company" in the amount of $263,700 covering the cost of dock construction.

The dock construction was completed and accepted by us on July 15, 1969.

We trust that this will provide you with the desired information.

Very truly yours,

R D Williams

R. D. WILLIAMS, Regional Manager
Southern California Region

JMS:mvp

Attachment

RECEIVED
MAR 6 1970
SAN DIEGO UNIFIED
PORT DISTRICT
Property Department

BD - SEE POR

ebruary 8, 1979

# AUDIT REPORT

## SUBJECT

Atlantic Richfield Company, a corporation, lessee of premises located at the foot of Sicard Street for the operation of marine service station.

## TERM

Lease was given for a twenty-year period effective January 1, 1969 and extending through December 31, 1988.

## AUDIT PERIOD

October 1, 1977 through December 31, 1978.

RECEIVED
FEB 26 1979
SAN DIEGO UNIFIED
PORT DISTRICT
Property Department

## RENTAL BASIS

Monthly payments of rent were required as follows:

1 3/4¢ per gallon gasoline sold, plus
1/2¢ per gallon diesel fuel sold, plus
5% of all other gross income

Subject to a minimum amount of $14,200 per year.

Concession Returns were to be filed with payments of fees by the 20th day of each succeeding month.

Delinquent rental payments were subject to a 5% penalty of the amount due for each 15-day period of such delinquency.

## SCOPE

The scope of the audit was limited to the disclosure of significant differences between the lessee's and station operator's records and the reported gross income and gallonage sold supporting the rental payments submitted to the District.

The receipt of rental payments was verified. The lessee's and station operator's records were examined and tests were conducted to determine their accuracy and reasonableness.

## FINDINGS

1. The total gasoline and diesel fuel sales and other petroleum product sales reported by the lessee and the rental paid thereon was found to be substantially correct.

2. The lessee closed down its operation on the premises July 7, 1978, apparently as a result of a lawsuit involving the station operator. The lessee is in technical violation of the intent of the lease whereby the lessee is to make active use of the premises. (See Recommendation No. 1)

FINDINGS - Cont'd

3. Gallonage sales of gasoline in 1978 decreased 39.6% below the 1977 sales (11,116 vs 18,388). Gallonage sales of diesel fuel in 1978 decreased 57.6% below the 1977 sales (749,984 vs 1,768,831). Other petroleum product sales in 1978 decreased 58.3% below 1977 sales ($34,674 vs $83,140).

   The decline of gasoline, diesel fuel and petroleum products in 1978 was due to Arco closing down its operations on Sicard Street as of July 7, 1978.

   The average annual percentage rent paid during this 15-month audit period was $14,976, up 10.8% above the $14,200 of the prior 15-month audit period.

   The gross income and gallonage sold subject to rent and the rent payable for the audit period, including supporting statistical data, are detailed in the attached Financial/Statistical Summary.

RECOMMENDATION

1. The District should take whatever action deemed necessary in regards to the closing of the station by the lessee.

L. M. Torres, Auditor

APPROVED:

R. W. Jones
Supervising Auditor
February 22, 1979

SOUTHWEST MARINE, INC.
SAN DIEGO DIVISION

"Specialists in Ship and Boat Repair" SAN DIEGO DIVISION: Foot of Sampson St., P.O.Box 13308, San Diego, CA 92113-0308
(714) 238-1000 / Telex: 910-335-1167 (SWM SDG)

November 22, 1982

Mr. Bradley J. Schultz
Assistant Manager
Property Department
San Diego Unified Port District
Post Office Box 488
San Diego, California 92112

Re: Atlantic Richfield Company Marine Pier
2295 East Harbor Drive, San Diego, California

Enclosed are triplicate originals of an Agreement for Surrender and Termination of Lease which have been duly executed by Atlantic Richfield Company. After execution by the District, please send a copy to ARCO at 300 West Glenoaks Boulevard, Post Office Box 4067, Glendale, California 91202. Also enclosed is a signed Information Requirement Certificate and a copy of our purchase agreement.

By copy of this letter I am asking Bill Thurman at ARCO to mail you a check for $200 to cover ARCO's half of the lease transfer fee.

Lastly, I spoke with Manuel Aceves in your engineering department today and he assured me that the new plot plans will be ready for your use by December 3, 1982.

Please let me know if anything else needs to be done to get on calendar for the Board's December 14, 1982 meeting.

Very truly yours,

Lloyd A. Schwartz

Lloyd A. Schwartz
General Counsel

LAS:blo

enc:

cc: William V. Thurman
Manuel Aceves, Assistant Chief Engineer

SAN PEDRO DIVISION:
985 S. Seaside, P.O.Box 3347, Terminal Island, CA 90731-7331
(213) 519-0600 / Telex: 910-345-6638 SWM TERM)

SAN FRANCISCO DIVISION:
P.O.Box 7644 (Pier 28), San Francisco, CA 94120-7644
(415) 543-0499

An Equal Opportunity Employment Employer

San Diego Unified Port District

Document No. 15446

Filed _____

Microfilm No. _____

Office of the Clerk

PROPERTY FILE RECORD

FILE No. 82-364

ROUTE TO:

1. ACCT. Jmg 2. ENG. B

RETURN AS SOON AS POSSIBLE

AGREEMENT
FOR
SURRENDER AND TERMINATION OF LEASE

The parties to this Agreement are the SAN DIEGO UNIFIED PORT DISTRICT, a public corporation, (Lessor) and ATLANTIC RICHFIELD COMPANY, a Pennsylvania corporation, (Lessee).

Recitals:

Lessor and Lessee entered into a written lease dated, November 26, 1968, (the lease) for premises which are San Diego Bay tidelands located in the City of San Diego, California. The lease is Document No. 3675, on file in the office of the Clerk of Lessor and particularly described in Exhibits A and B, attached hereto and by this reference made a part hereof. The parties intend to terminate the lease by Lessee surrendering and vacating the premises and Lessor accepting such surrender and leasing the premises to a third party.

The Parties Agree:

1. The effective date of this Agreement shall be December 31, 1982, subject to the Lessor entering into and granting a new lease to Southwest Marine, Inc., a California corporation, for the same premises. In the event a new lease is not entered into and granted to Southwest Marine, Inc., a California corporation, this Agreement shall be null and void and of no force or effect.

2. Lessee surrenders the lease and Lessor accepts such surrender on the effective date of this Agreement. The lease shall be fully and finally surrendered and terminated on said effective date, subject to Paragraph 1, above. Lessee shall vacate said premises on said effective date.

3. Any remaining rights, duties or obligations of the parties pursuant to the terms, covenants and conditions in the lease shall continue in full force and effect and shall not be affected by this Agreement. Nothing herein is intended nor shall be construed as a waiver of any such rights or as a release of any such duties or obligations, whether known or

TRIPLICATE-ORIGINAL

unknown at this time or upon the effective date of this Agreement.

DATED: December 14, 1982

SAN DIEGO UNIFIED PORT DISTRICT

By _____
ASSISTANT PORT DIRECTOR

APPROVED as to form and legality

PORT ATTORNEY

_____
JOSEPH D. PATELLO
Port Attorney

ATLANTIC RICHFIELD COMPANY

By _____
ASSISTANT VICE PRESIDENT

STATE OF CALIFORNIA )
) SS.
COUNTY OF SAN DIEGO )

On this 15th day of December, 1982, before me, Loretta Cory, the undersigned Notary Public, personally appeared Gabriel J. Ballesa,
✓ personally known to me
_____ proved to me on the basis of satisfactory evidence to be the person who executed this instrument as Asst. Port Director of the San Diego Unified Port District, a public corporation, and acknowledged to me that the public corporation executed it.

WITNESS my hand and official seal.

Loretta Cory

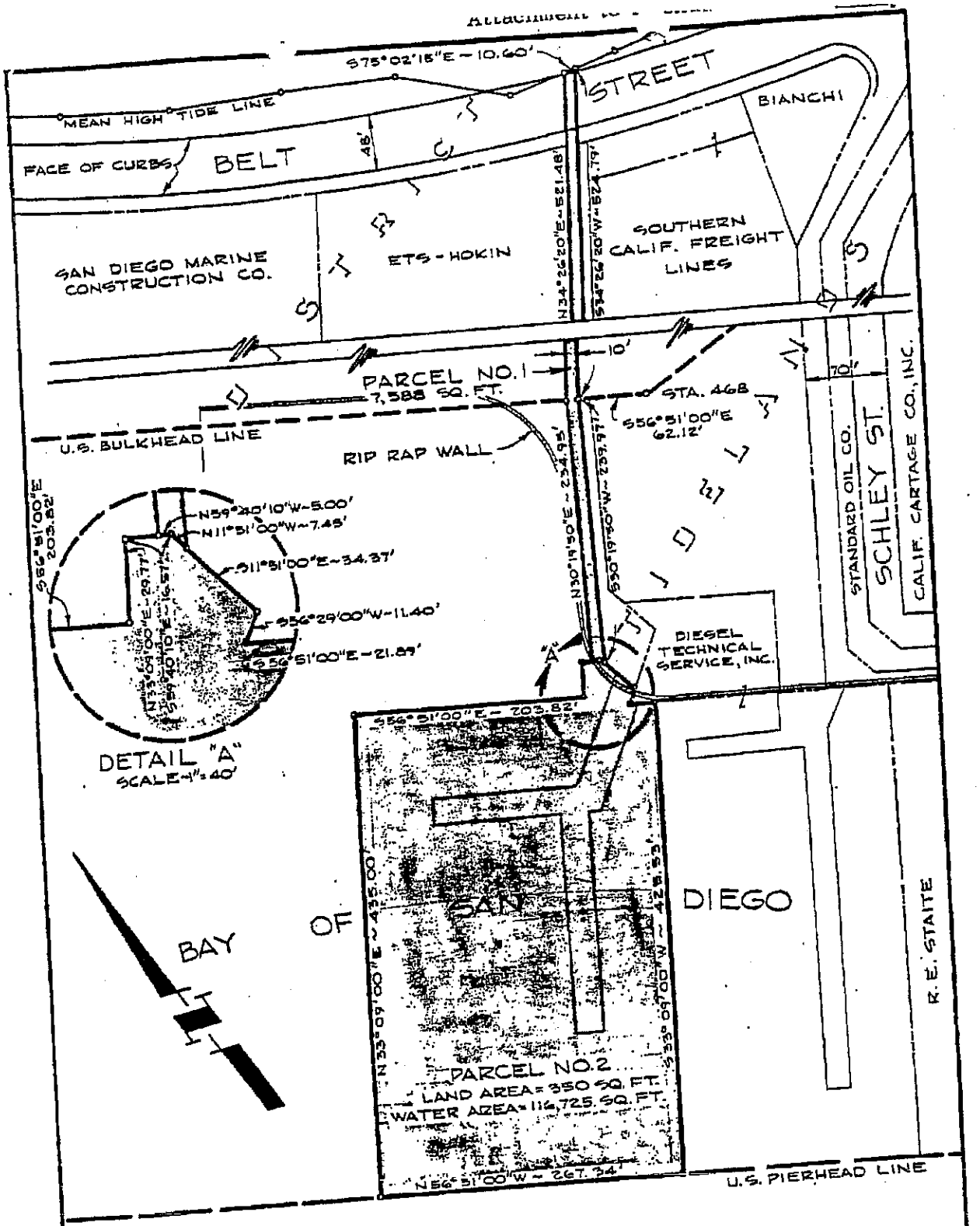
OFFICIAL SEAL
LORETTA CORY
NOTARY PUBLIC - CALIFORNIA
SAN DIEGO COUNTY
My comm. expires AUG 13, 1986

STATE OF CALIFORNIA )
) SS.
COUNTY OF SAN DIEGO )

On this ___ day of _____, 1982, before me, _____, the undersigned Notary Public, personally appeared _____,
_____ personally known to me
_____ proved to me on the basis of satisfactory evidence to be the person who executed this instrument as _____ of the Atlantic Richfield Company, a Pennsylvania corporation, and acknowledge to me that said corporation executed it.

WITNESS my hand and official seal.

_____




REDUCED DRAWING — DO NOT SCALE

NOTE~
LEASE AREA SHOWN SHADED

REVISED: FROM 652-B

DRAWN AYOTTE
CHECKED PIEMEISL
REVIEWED Stefanson

APPROVED
J. E. Liebmann
CHIEF ENGINEER

**SAN DIEGO UNIFIED PORT DISTRICT**

TIDELAND LEASE

WITHIN CORPORATE LIMITS OF SAN DIEGO

ATLANTIC-RICHFIELD COMPANY

DATE 27 AUG. 1968
SCALE 1" = 100'
REF. 652-B

DRAWING NO.
1204-B

# APPENDIX F
# DREDGING INFORMATION

Technical Exhibits for BP West Coast Products LLC's Response to
Tentative Cleanup and Abatement Order R9-2005-0126
BP west Coast Products, LLC
BP San Diego Terminal (Facility 33T)
2295 East Harbor Drive
San Diego, CA 92113
08BP.0033T.05
June 15, 2005

FILE

US Army Corps of Engineers
Los Angeles District
P.O. Box 2711
Los Angeles, CA 90053

SPLCO-R

# Public Notice of Application for Permit

Public Notice/Application No. 82-197-RA
Date 9 NOV 1982 Comment Deadline: 9 DEC 1982

Interested parties are hereby notified that an application has been received for a Department of the Army permit for the activity described below and shown on the attached drawing(s).

**Applicant(s)** - Southwest Marine, Inc.
ATTN: Arthur Engel, President
Box 13308
San Diego, CA 92113

**Location** - In San Diego Bay, Pacific Ocean, at Foot of Sampson Street, City and County of San Diego, State of California

**Activity, Purpose** - Improve an existing ship repair facility (continue on page 2)

**Comment and Review Period** - Interested parties are invited to provide their views on the proposed work, which will become a part of the record and will be considered in the decision. Comments should be mailed to:

U.S. Army Engineer District
ATTN: SPLCO - R - 82-197-RA (Public Notice No.)
P.O. Box 2711
Los Angeles, CA 90053

**EIS Determination** - A preliminary determination has been made that an environmental impact statement is not required for the proposed work.

**Public Hearing** - Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearing shall state with particularity the reasons for holding a public hearing.

**Other Authorizations Required** -

Water Quality: ☒ Certification that the proposed work will not violate applicable State water quality standards has been requested from location state ☐ None Required

Coastal Zone Management: ☒ The State of California is reviewing this work for consistency with its approved Coastal Zone Management Program. ☐ None Required

**Cultural Resources** - The latest version of the *National Register of Historic Places* has been consulted and this site is not listed. This review constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources.

**Endangered Species** - Preliminary determinations indicate that the proposed activity will not affect endangered species, or their critical habitat, designated as endangered or threatened *(Endangered Species Act)*. Formal consultation under Section 7 (c) of the Act is not required.

**Authority** - This permit will be issued or denied under the following authorities:

☒ Structures or work in or affecting navigable waters of the United States - Section 10, River and Harbor Act of 1899 *(33 U.S.C. 403)*.

☒ Discharge of dredged or fill material into waters of the United States - Section 404, Clean Water Act *(33 U.S.C. 1344)*.

☒ Transportation of dredged material for purpose of dumping into ocean waters - Section 103, Marine Protection, Research and Sanctuaries Act of 1972 *(33 U.S.C. 1413)*.

**Evaluation** - The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion, and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people. In addition, if the proposal would discharge dredged or fill material, the evaluation of the activity will include application of the EPA Guidelines *(40 CFR 230)* as required by Section 404 *(b) (1)* of the Clean Water Act.

LA FL 582, Feb 82

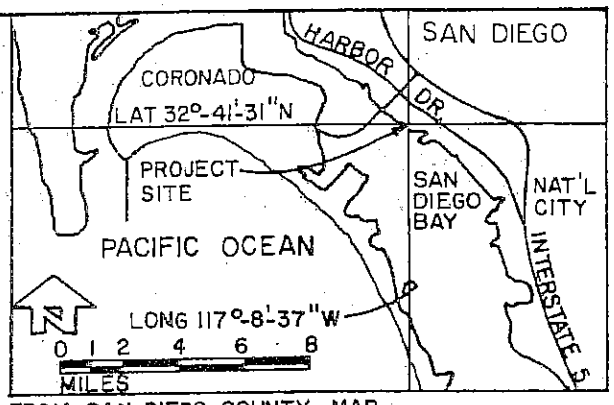
DETAILED DESCRIPTION OF ACTIVITY (per applicant): (a) replace three existing piers with two new piers 60 feet by 700 feet long, (b) construct two new marginal wharfs adjacent to the new piers, (c) modify an existing pier to accomodate an existing 1,000 ton capacity floating drydock, (d) replace about 340 feet of deteriorated steel sheet-pile quaywall and place about 6,000 cubic yards of backfill behind the new quaywall, (e) clamshell dredge a sump 150 feet by 580 feet (about 207,000 cubic yards of material) between the piers to allow for operation of a floating drydock, (f) clamshell dredge about 203,000 cubic yards of material between the piers and on the south side of the south pier, (g) install about 540 concrete piles in the new piers and about 256 concrete piles in the new marginal wharfs, (h) transport the dredge material (about 410,000 cubic yards) for ocean dumping at approved Environmental Protection Agency ocean dump site LA-5 at 32° 36' 50" North, 117° 20' 40" West. The purpose of the proposed improvements is to allow for the berthing and repair of naval vessels up to 32 feet in draft and 600 feet in length. This project is an improvement to an existing ship repair facility, and is in close accordance with the local port master plan. The extension of the marginal wharf beyond the existing bulkhead line is necessary to allow shore platforms large enough to accommodate destroyer size navy vessels. With the proposed marginal wharf, there exists a minimum of 565 feet of berthing space inside U.S. pierhead line. The proposed improvements also include moving the southern property boundary adjoining the Arco pier approximately 100 feet to the south. This adjustment is subject to negotiation and Port of San Diego approval, and will allow 700 feet of berthing space on the south side of the new pier No. 3. During operation of the drydock, when transferring a ship onto one of the two new shore platforms, it will be positioned so as to extend approximately 150 feet beyond the U.S. pierhead line. This extension would be infrequent and last no longer than six hours.

ADDITIONAL INFORMATION: Please call Bob Atkins, Regulatory Functions Branch, (213) 688-5606, before 3:00 p.m. any work day.

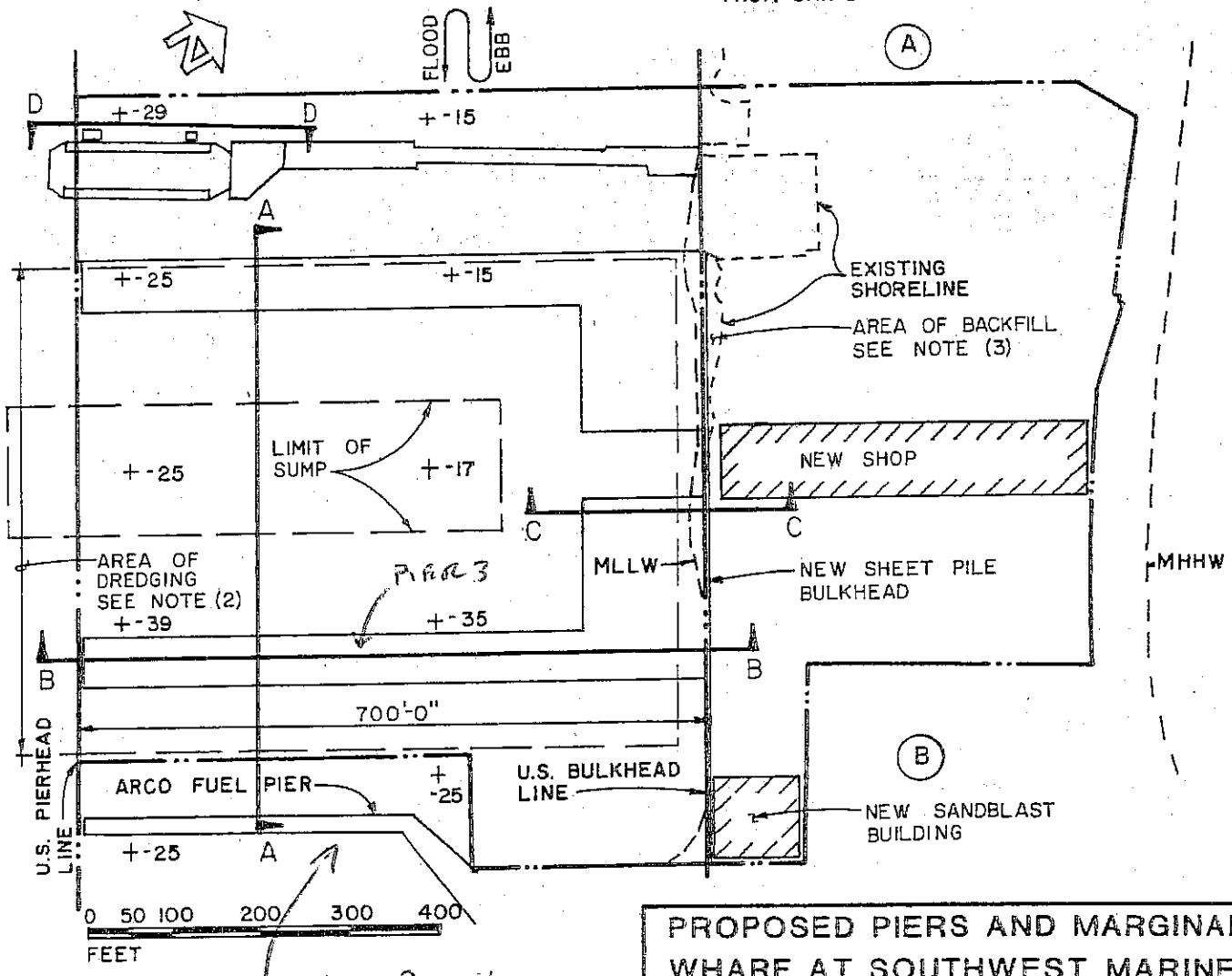
This Public Notice is issued by the Chief, Construction-Operations Division.

NOTES

1) -25 DENOTES EXISTING BOTTOM ELEVATION.
2) DREDGED AREA EXTENDS TO MAIN CHANNEL, 750' FROM PIERHEAD LINE. VOLUME OF DREDGING IS APPROXIMATELY 410,000 CU. YDS. TO BE DISPOSED OF AT AN APPROVED OCEAN DUMP SITE (LA-5)
3) APPROXIMATELY 6,000 CU. YDS. OF CLEAN SANDY SOIL TO BE USED AS BACKFILL.



FROM SAN DIEGO COUNTY MAP




PURPOSE: TO MODERNIZE EXISTING SHIP REPAIR FACILITY.
DATUM: MLLW BASED ON N.G.V.D. 1929
ADJACENT PROPERTY OWNERS (TENENTS):
A. SAN DIEGO GAS & ELECTRIC CO.
B. ATLANTIC RICHFIELD CO.

**PROPOSED PIERS AND MARGINAL WHARF AT SOUTHWEST MARINE**

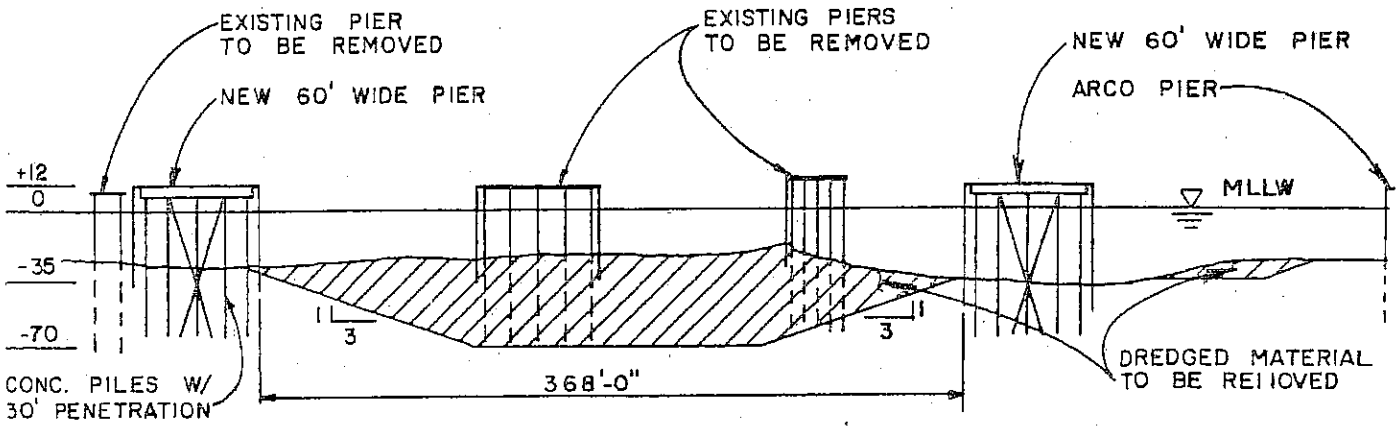
IN SAN DIEGO BAY

AT SAN DIEGO

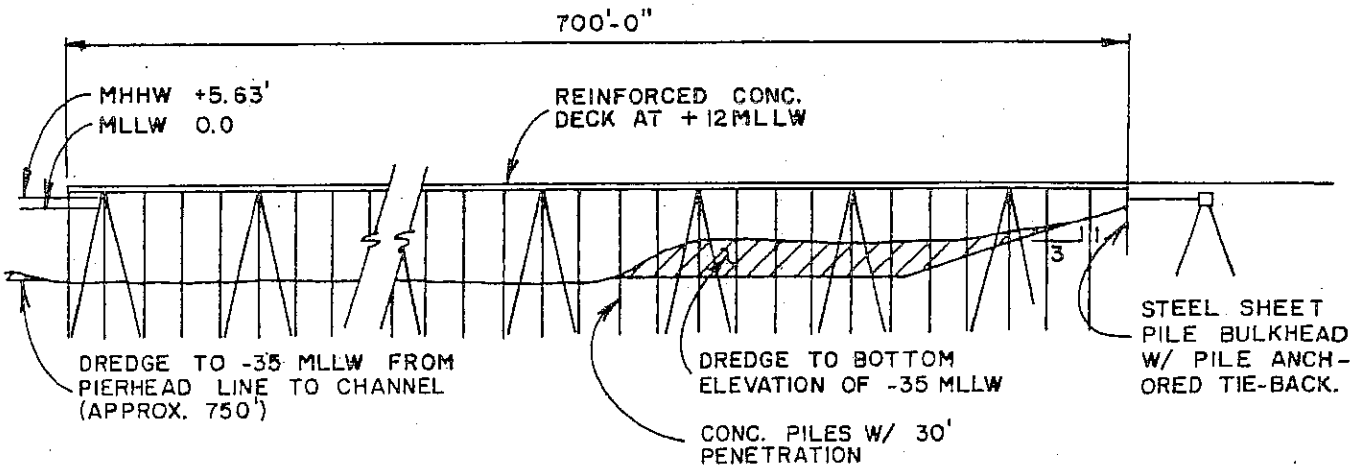
COUNTY OF SAN DIEGO STATE OF CALIFORNIA

APPLICATION BY S W MARINE

SHEET 1 OF 3 DATE 9-24-82




SECTION A-A




SECTION B-B

**PROPOSED PIERS AND MARGINAL WHARF AT SOUTHWEST MARINE**

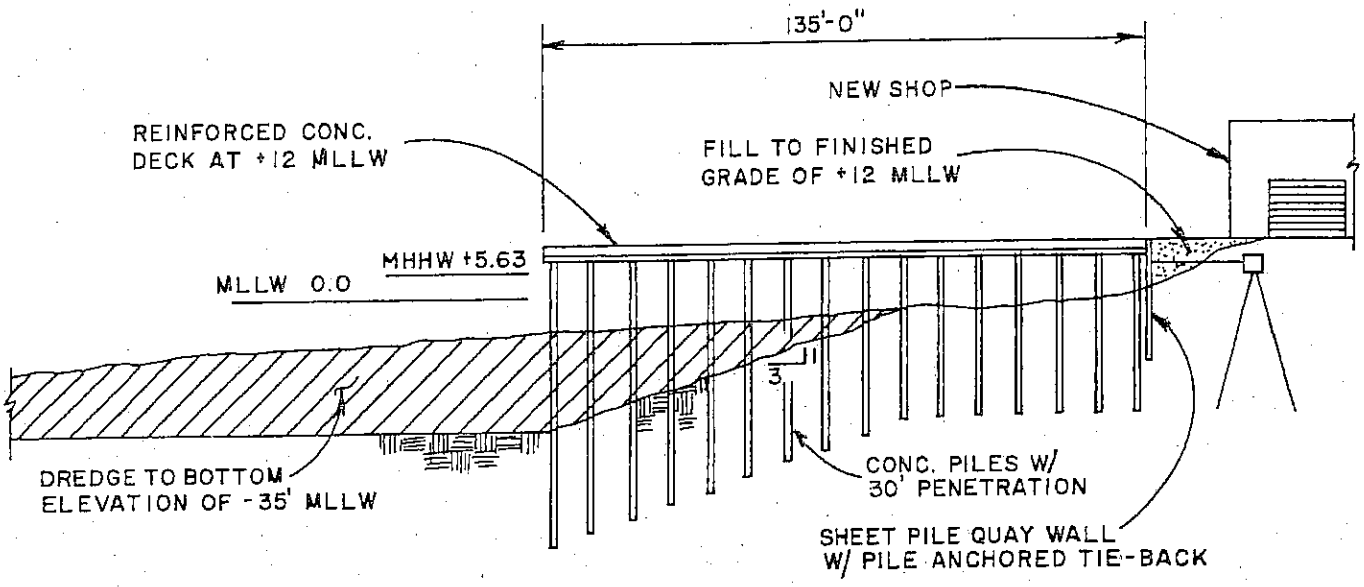
IN SAN DIEGO BAY

AT SAN DIEGO

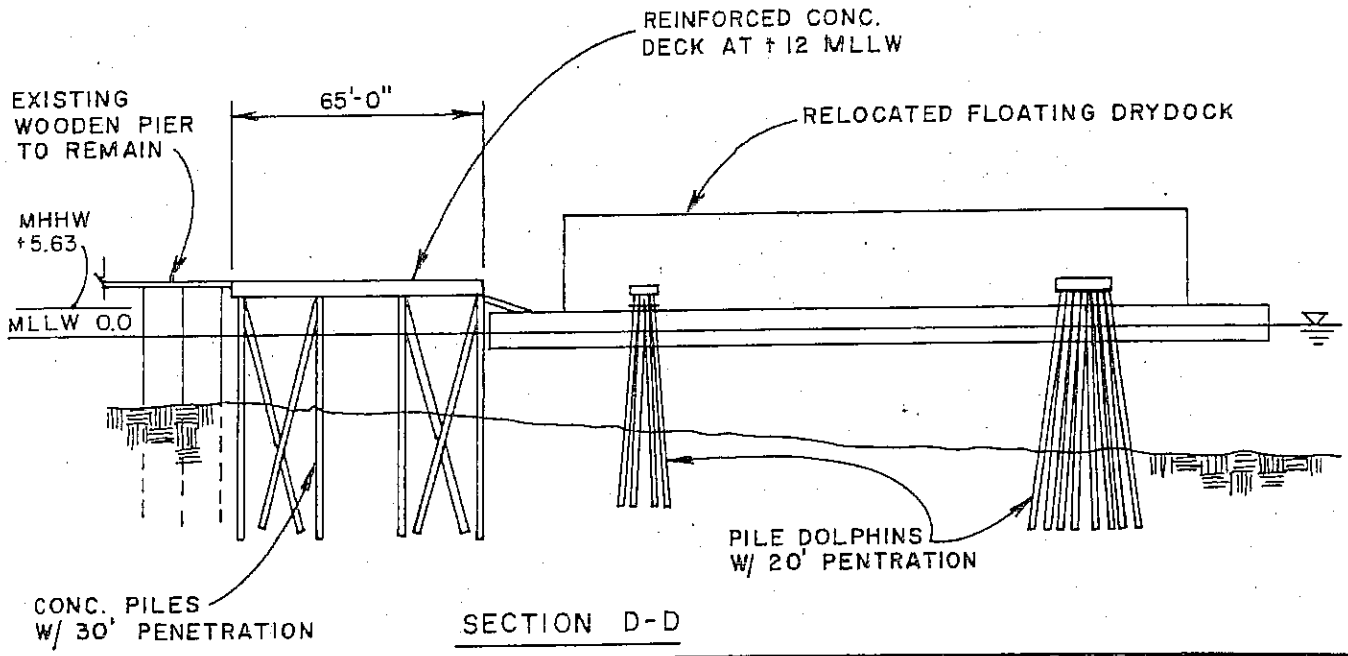
COUNTY OF SAN DIEGO STATE OF CALIFORNIA

APPLICATION BY S W MARINE

SHEET 2 OF 3 DATE 9-24-82




SECTION C-C




SECTION D-D

PROPOSED PIERS AND MARGINAL WHARF AT SOUTHWEST MARINE

IN SAN DIEGO BAY

AT SAN DIEGO

COUNTY OF SAN DIEGO STATE OF CALIFORNIA

APPLICATION BY S W MARINE

SHEET 3 OF 3 DATE 9-24-82

JUL - 2 1988

# SOUTHWEST MARINE YARD 4
# NPDES BEST MANAGEMENT PRACTICES PLAN
# PERMIT NO. CA0107697; ORDER NO. 83-11
# FACILITY PERMIT/WASTE DISCHARGE

Submitted To:

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Submitted By:

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TABLE OF CONTENTS


| | | Page |
|---|---|---|
| I. | INTRODUCTION | 1 |
| II. | BEST MANAGEMENT PRACTICES PLAN (BMP) | 3 |
| A. | GENERAL REQUIREMENTS | 3 |
| 1. | Name and Location of Facility | 3 |
| 2. | Facility Description | 3 |
| 3. | Statement of Corporate BMP Policy and Objectives | 7 |
| 4. | Review By Plant Engineering Staff and Plant Manager | 8 |
| B. | SPECIFIC REQUIREMENTS | 9 |
| 1. | BMP Committee | 9 |
| 2. | Risk Identification and Assessment | 12 |
| 3. | Reporting of BMP Incidents | 21 |
| 4. | Materials Compatibility | 23 |
| 5. | Good Housekeeping | 24 |
| 6. | Preventative Maintenance | 25 |
| 7. | Inspections and Records | 25 |
| 8. | Security | 28 |
| 9. | Employee Training | 29 |
| III. | APPENDICES | |
| | EMERGENCY REACTION TEAM MEMORANDUM | |

## I. INTRODUCTION

This Best Management Practices Plan (BMP) has been prepared to be used in conjunction with the National Pollutant Discharge Elimination System Permit (NPDES), Permit No. CA0107697, Order No. 83-11, Facility Permit/Waste Discharge, for the Southwest Marine Yard 4 Ship Repair Facility on the San Diego Bay waterfront, San Diego, California.

The purpose of this BMP is to supplement the chemical-specific, numerical effluent discharge limits of the above-referenced NPDES Permit, as required by the Federal Water Pollution Control Act Amendments of 1972, and by the Clean Water Act of 1977. This BMP includes water pollution controls, actions, and procedures which will improve water quality by the prevention or minimization of the relaease of toxic pollutants or hazardous substances in significant amounts to the navigable, surface receiving waters of San Diego Bay, sufficient for the protection of indigenous aquatic life.

This BMP has been prepared in accordance with the "NPDES Best Management Practices Guidance Document", EPA 600/9-79-045, June 1981. It is to be incorporated as a permit condition, as required for compliance with the above-referenced NPDES Permit, by the San Diego Regional Water Quality Control Board, acting as the EPA-authorized local permitting authority. This BMP also complements other regulatory requirements imposed by

RCRA, OSHA, the Clean Air Act, and SPCC plans for hazardous substances under the Clean Water Act.

It includes the most cost-effective and innovative techniques, which best apply to the particular activities and circumstances of the Southwest Marine Yard 4 Ship Repair Facility on San Diego Bay. Also included is an examination of activities associated with or ancillary to the ship repair operations of Southwest Marine Yard 4. These ancillary potential sources include: material storage areas; loading and unloading areas; plant site runoff; in-plant transfer; and material handling areas. These ancillary sources have been examined to determine if there is a reasonable potential for equipment failure, natural conditions, or other circumstances which could result in the discharge of a significant amount of toxic pollutants or hazardous substances to the receiving waters of San Diego Bay.

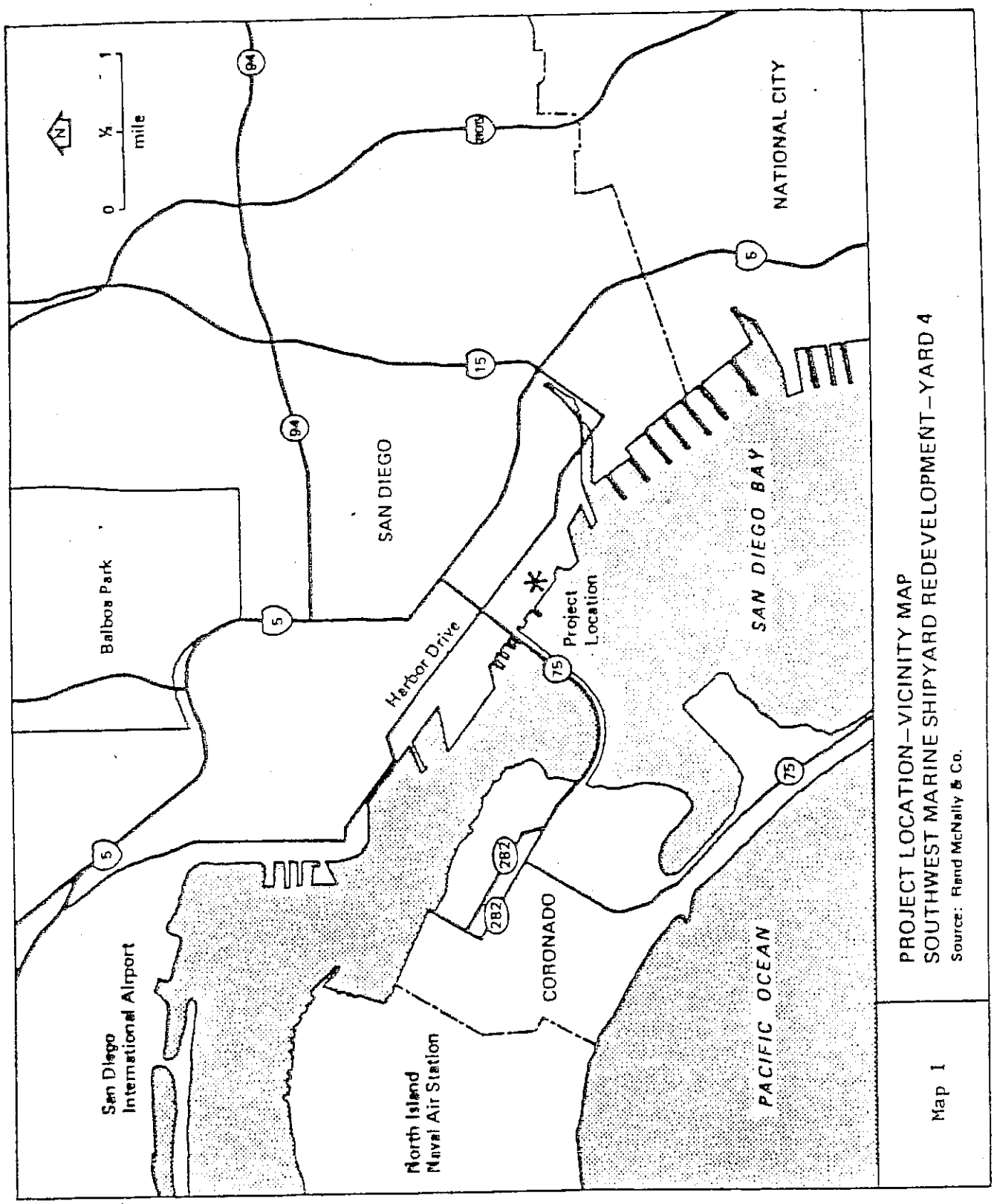
Information in this BMP is organized into a General Requirements section, which includes the facility location, description, and BMP policy statements; and a Specific Requirements section, which includes determinations of the potential for toxic or hazardous chemicals to reach the receiving waters of San Diego Bay, and corresponding appropriate preventative measures.

## II. BEST MANAGEMENT PRACTICES PLAN (BMP)

### A. GENERAL REQUIREMENTS

1. Name and Location of Facility. Southwest Marine, Inc., owns and operates the Southwest Marine Yard 4 Ship Repair Facility, located on the eastern waterfront of central San Diego Bay, on about 7 acres of land and about 15 acres of water, at the foot of Sampson Street, along Belt Street frontage, on San Diego Unified Port District tidelands, in the City of San Diego, County of San Diego, California.

2. Facility Description. Southwest Marine Yard 4 is an existing ship repair and overhaul facility with the capability to simultaneously repair and overhaul up to six commercial or military vessels of up to about 22,000 tons displacement, such as destroyer and cruiser-sized U.S. Naval ships, up to about 700 feet in length. In 1981, Southwest Marine, Inc. began a long-term improvement and modernization program for the Yard 4 facility, as detailed in a Master Plan, which has been completely evaluated in a Certified Final Environmental Impact Report by the San Diego Unified Port District in April 1983. Major characteristics of the Master Plan include the following existing and proposed improvements (See Maps 1-5).



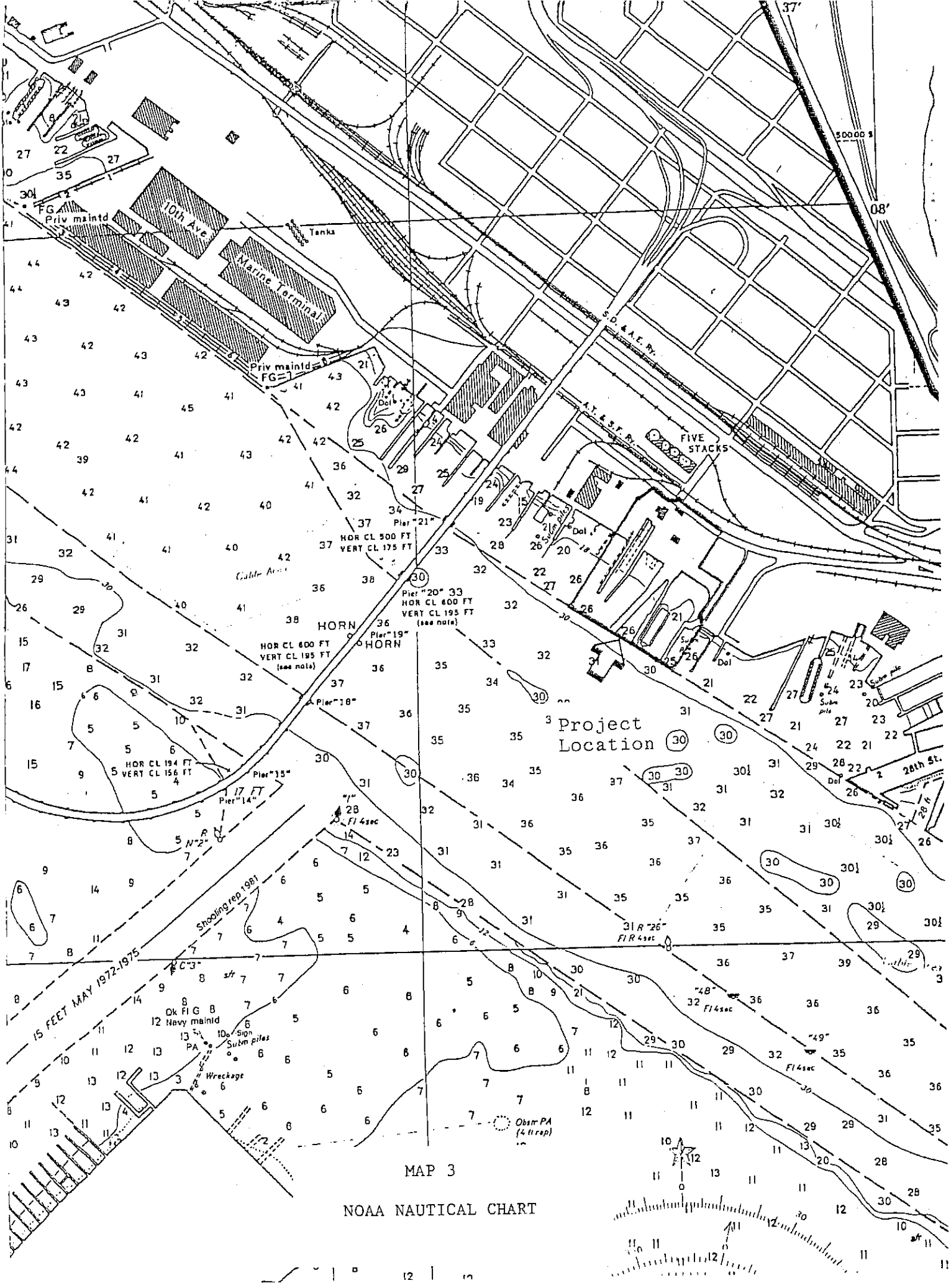

MAP 1

VICINITY MAP

The U.S. Geological Survey Map for the project site has not been updated since 1968 and does not illustrate existing improvements at Southwest Marine Yard 4. The most recent NOAA Nautical Chart has been included in its place, since more information regarding actual exisitng improvements is illustrated, although not all existing facilities are accurately illustrated, even on the NOAA Nautical Chart.

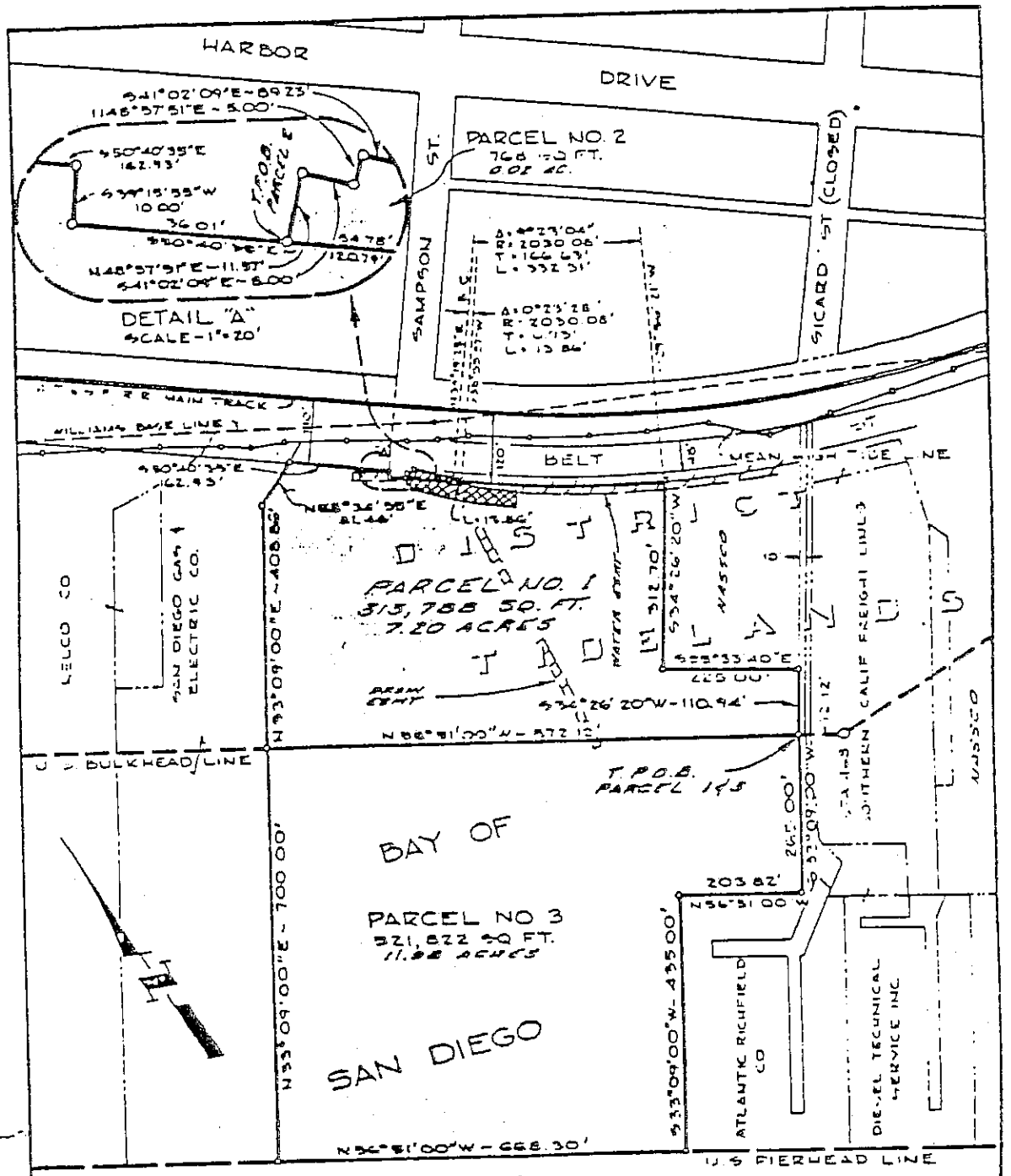
MAP 2

U.S. GEOLOGICAL SURVEY MAP




MAP 3

NOAA NAUTICAL CHART




MAP 4
SAN DIEGO UNIFIED
PORT DISTRICT

2. Facility Description (Cont.)

a. Pier Replacements. Three of five pre-existing piers (Original Piers 2,3, and 4) were proposed to be replaced by two new piers (New Piers 2 and 3). Original Piers 3 and 4 have been removed and one new pier (New Pier 3) has thus far been built. Two mooring dolphins have been installed as a partial new pier, adjacent to Original Pier 2, and two additional existing piers (Original Piers 4 and 5) have been obtained through a leasehold acquisition from an adjacent existing facility. An extension of Original Pier 1 westerly to the U.S. Pierhead Line is currently in progress. The removal of Original Pier 2, and replacement with New Pier 2 is anticipated to begin in the near future.

b. Dredging. About 410,000 cubic yards of dredging by clamshell and subsequent ocean disposal were permitted by U.S. Army Corps of Engineers Permit 82-197-RA in May 1983. Of the total permitted, about 207,000 cubic yards have been removed from an existing sump area between Original Pier 2 and New Pier 3 to allow for operation of a new 22,000-ton, floating drydock; an additional approximately 103,000 cubic yards have been removed from areas adjacent and between the Original Pier 2 and New Pier 3; and about 100,000 cubic yards remain to be removed from the shipyard general area so as to provide pierside ship berthing depth clearance. Also included

2. Facility Description (Cont.)

in the 103,000 cubic yards was material to extend an existing channel to the main harbor channel. Approximately 700,000 square feet of bay bottom was disturbed. Dredged material was disposed of at the EPA-approved ocean disposal site, LA-5, and all bioassay requirements have been met. About 6,000 cubic yards of material dredged thus far was used as backfill behind a new quaywall which replaced a deteriorated steel sheet-pile quaywall adjacent to Original Pier 2 and New Pier 3.

c. Floating Dry Dock and Transfer System. A new 22,000-ton floating dry dock has replaced an 8,000-ton old floating dry dock, and an old, 2,500-ton floating dry dock was replaced by a new, 4,000-ton dry dock. The 22,000-ton dry dock will connect with a proposed, approved system to transfer ships to shore platforms for repairs and overhauls on land. The two transfer platforms will be accessed from margin wharfs adjacent to proposed New Pier 2 and existing New Pier 3.

d. Building Replacements. Of the major buildings or building complexes which exist on Yard 4, four are proposed to be replaced, one will be moved off of the Yard 4, and two will remain. Thus far, one new replacement building has been

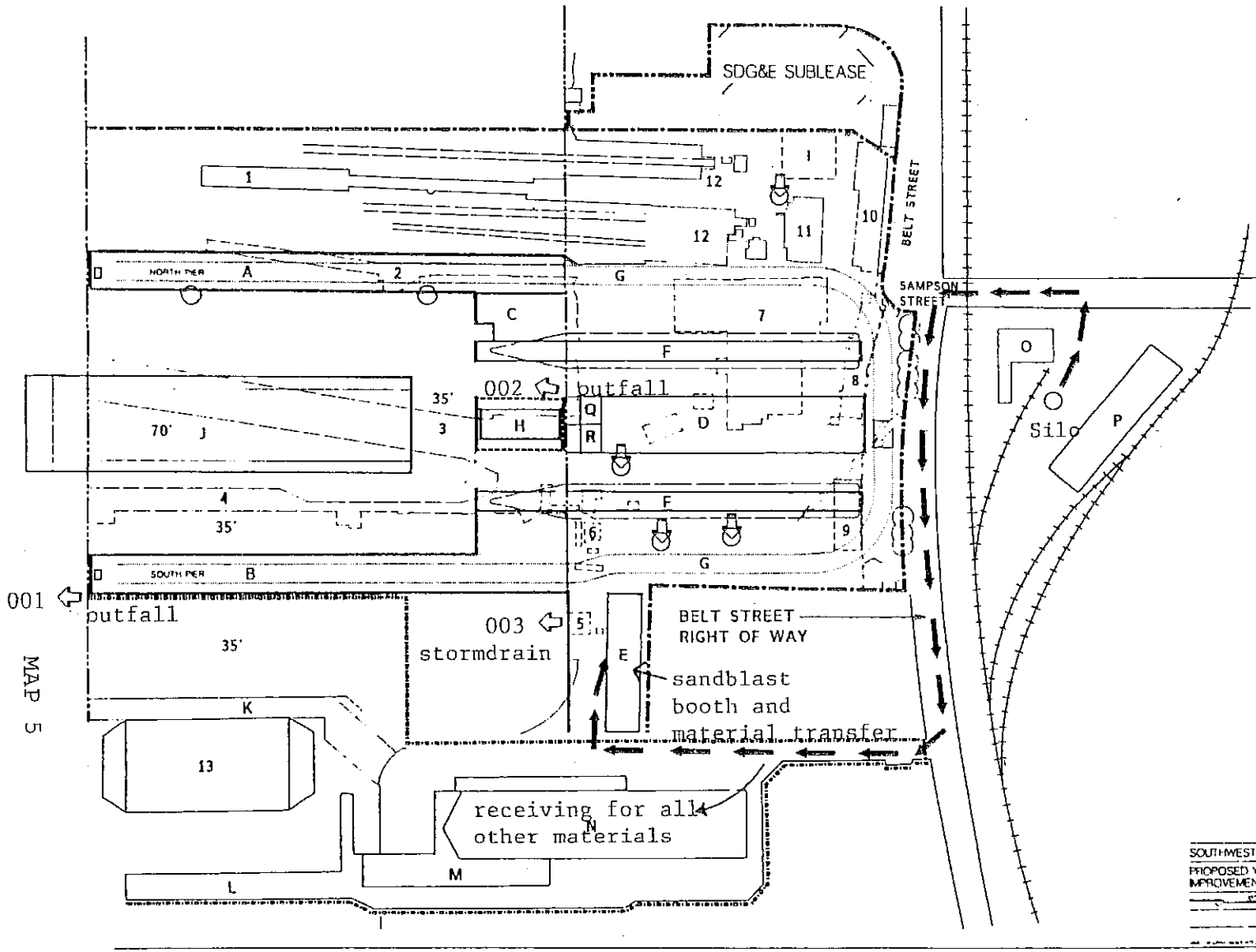
2. Facility Description (Cont.)

constructed, and new property and buildings at the south-west boundary of the original leasehold have been obtained from the San Diego Unified Port District.

e. Street Opening/Closure. A portion of Belt Street has been proposed to be eventually closed to accomodate the platforms. Sicard Street would then be opened to Belt Street to provide for through traffic.

f. Summary of Existing Improvements. Southwest Marine Yard 4 currently includes two, 30 ft. x 500 ft. repair piers (Original Piers 1 and 2); one 60 ft. x 700 ft. repair pier (New Pier 3) serviced by a marine crane and rail system; one 30 ft. x 475 ft. fuel pier (Original Pier 4); one 30 ft. x 350 ft. angled pier (Original Pier 5); one 22,000-ton floating dry dock; one 4,000-ton floating dry dock; two, combined margin wharfs and bulkhead of about 368 linear feet; and miscellaneous yard buildings for production, utilities, personnel, and administration.

g. Existing Discharges. Storm drainage via surface runoff is provided for by the use of a City of San Diego 48-inch diameter concrete storm drainage line, which angles




LEGEND

EXISTING CONDITIONS PLANNED FOR DEMOL

1. REWORK PIER 1 - 37 445 SF
2. REMOVE PIER 2 - 12 760 SF
3. REMOVE PIER 3 - 46 600 SF (COMPLETE)
4. REMOVE PIER 4 - 22 040 SF (COMPLETE)
5. SANDBLAST BOOTH (COMPLETE)
6. YARD OPS./PAINT BLDGS (COMPLETE)
7. MAINTENANCE SHOPS *
8. PERSONNEL BUILDING *
9. RECEIVING BUILDING *

EXISTING FACILITIES TO REMAIN

10. MAIN ADMINISTRATION BUILDING
11. SOUTH BAY BOAT CO. (CONVERT TO ADMIN SUPPORT BLG) (1990)
12. MARINE RAILWAYS
13. FLOATING DRYDOCK

NEW FACILITIES

A. NORTH PIER - 60'X700' (MOORING DOLPHINS ONLY) - COMPLETE 1990
B. SOUTH PIER - 60 X700 (NEW PIER 3)
C. MARGINAL WHARF - 368 X135
D. CENTRAL SHOP/PRODUCTION FAC. - 43,100 SF
E. SANDBLAST BOOTH - 10,000 SF
F. PLATFORM - 565 X50
G. 28' GAUGE CRANE TRACK
H. UTILITY BUILDING - 5,640 SF
I. PERSONNEL BLDG - 2,500 SF (LOCATION TBA)
J. # 22,000 TON DRYDOCK, SUMP DREDGED TO 70'
K. ARCO ACQUISITION (NEW PIER 4)
L. NPI ACQUISITION (NEW PIER 5)
M. NPI ACQUISITION (NEW CARP/ELEC/PAINT/MACH SHOPS)
N. DELTA ACQUISITION (NEW WAREHOUSE/ADMIN SOUTH)
O. KENDALL OIL ACQUISITION (TBA)
P. SOUTHERN PACIFIC ACQUISITION (TBA)
Q. OILY WASTE DISPOSAL PLANT
R. ELECTRICAL CO-GENERATION PLANT

SOUTHWEST MARINE ORIGINAL LEASE BOUNDARY
EDGAR SUBLEASE TO SOUTHWEST MARINE
NEW ACQUISITIONS
PIER/WHARF LINE
PLATFORMS/DRYDOCK
MARGINAL WHARF ALTERNATIVE
BULKHEAD LINE/PIERHEAD LINE
EXISTING FACILITIES TO REMAIN
EXISTING FACILITIES TO BE DEMOLISHED
NEW FACILITIES
LANDSCAPE BUFFER

SOUTHWEST MARINE
PROPOSED YARD IMPROVEMENTS
NORTH

- stormdrain gratings
- sandblast material transfer route
- outfall locations