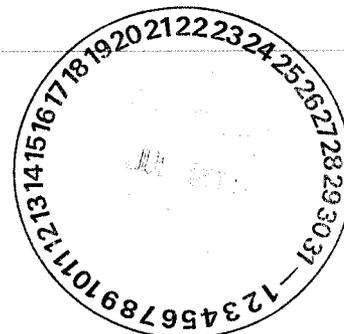




CERTIFIED MAIL: 7008 2810 0000 4726 1048

June 22, 2009



New Mexico Environmental Department
Hazardous Waste Bureau (HWB)
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Attention: Mr. John E. Keiling, Program Manager
Permits Management Program
Hazardous Waste Bureau

Reference: REQUEST FOR "CONTAINED-IN" DETERMINATION FOR PETROLEUM
CONTAMINATED SOILS RESULTING FROM API SEPARATOR OVERFLOW ON
JUNE 10, 2009;
WESTERN REFINING-SOUTHWEST (GALLUP REFINERY)(previously known as:
Giant Refining Co.)
EPA ID#: NMD000333211

Dear Mr. Keiling,

In accordance with the regulation established under 20.4.1.800 NMAC and 40CFR268.7 (e) for excavated petroleum contaminated soils, Western Refining-Southwest (Gallup Refinery) is requesting a "Contained-In" Determination for Petroleum Contaminated Soil from an overflow of the New API Separator (NPAIS) that occurred on June 10, 2009 due to an excessive rain event. Western Refining is also graciously asking for the Agency to provide an expeditious ruling on this determination if at all possible based on the supplied information.

On Wednesday, June 10, 2009 at approximately 0230 hrs, Western Refining-Southwest (Gallup Refinery) had a moderate rain event due to storms passing through the area. The new API began overflowing from the top onto the ground. At the time, only the West bay of the New API (NAPI) was operational because the east Bay was down for repairs. An above ground Baker Frac Tank located in the vicinity of or near the new API is used for overflow during upset or excessive rain conditions. Oily water from Process Sewers comingles with stormwater from area slabs flow directly to the new APIS. Under normal conditions when both bays are operational, the API can handle such an event. However, during this rain event, the API began to fill to an overflow condition because the East Bay was down for repairs. A small portion began to seep out of the top of the API as well, primarily water. Most of API overflow went along the backside of the API toward and slightly past the Baker Tank. (Refer to API and Lagoon Diagram and API Area Enlarged Area Diagram) The overflow from the Baker Tank was all contained in a berm surrounding the tank. There was not any oil or oily sheen observed to be in the area where the API overflowed from its top or in the Frac Tank containment berm. It continued raining from about 0430 hrs to 0630 hrs (about 1 ½ to 2 hrs). The

total amount of rainfall was about 0.76 inches during this time frame. At approximately 0500 hrs on Wednesday, June 10, 2009, the API (Off-site) Relief Supervisor notified Facility Management personnel. The Environmental Department was notified at approximately 0524 hrs. Environmental personnel arrived at the facility at approximately 0609 hrs, June 10, 2009. A site determination and evaluation was conducted immediately. Assessment and cleanup operations were immediately initiated by Maintenance and Contract personnel.

Cleanup operations were initiated. An Outside Contract Vacuum Truck Service (Veolia Environmental Services) was deployed to the facility to begin vacuuming up any liquids from the API overflow areas. After the vacuum operation concluded, Veolia removed approximately 31,700 gallons (754.76 bbls) of oily/water mixture. The amount of oil recovered from this operation was calculated to be approximately 11.79 gallons (0.28 bbls) based on information supplied by Veolia and best engineering methodology. Maintenance and Contract personnel began removing or remediating in and around the API and associated areas by removing approximately 1 to 2 inches contaminated top soils, any contaminated vegetation, and rock with a back-hoe or shovels. Cleanup crews removed soils along the backside of API extending north alongside the Baker Frac Tank as well as removing material where the API flowed over the road depression to Aeration Lagoon #1. Also, a cleanup crew was deployed to remove contaminated soil within the Baker Frac Tank containment dike area. Remedial activities terminated on or about June 24, 2009. After completion of remedial activities, a composite sample of the excavated material was collected by the Environmental Department, and submitted to Hall Environmental Laboratories for analysis. The sample was submitted to Hall Laboratory to be analyzed for the following parameters: RCI, TCLP Metals/1311, TCLP Voas/1311, Hexavalent Chromium (Cr+6), TCLP Semi-voas/1311, and Total Petroleum Hydrocarbon (TPH). The analysis from Hall Environmental Laboratory (date of collection: 6/25/2009) for these parameters indicated non-hazardous for all parameters. (Refer to API Overflow Sampling Analysis) Under normal conditions the API overflow material normally would be declared as a hazardous waste (F037/F038) and properly disposed accordingly; however, based on the analytical data and the small quantity of material generated, Western Refining (Southwest) is thereby asking from the New Mexico Environmental Department- Hazardous Waste Bureau for a "Request for Contained-in Determination for Petroleum Contaminated Soils from the API Overflow of June 10, 2009" in order to allow proper off-site disposal of this material as a non-hazardous waste stream. (Reference to 20.4.1.800 NMED and 40CFR268.7 (e)) The quantity excavated has been estimated to be approximately 20 to 30 yd³ (cubic yards) or (1 to 1 ½ roll-off boxes). (Refer to API & Aeration Lagoon Area and API Area Enlarged Area Diagrams)

All remedial activities and modifications to API and surrounding areas have been completed. A complete description of the overflow will be described in the following inclusions. Please find included a copy of the OCD "Release Notification and Corrective Action Forms (C-141)(Initial and Final) Reports, the API & Aeration Lagoon Area Diagram, the API Area Enlarged Diagram, the NMED Correspondence (e-mail) of June 22, 2009, and API Sample Analysis from Hall Environmental Laboratories, June 25, 2009.

Once again, Western Refining is graciously asking for the Agency to provide an expeditious ruling on this determination if at all possible based on the supplied information. If you require additional information, please contact me at (505) 722-0258.

Sincerely,



Beck Larsen, CHMM, REM
Environmental Engineer
Western Refining-Southwest (Gallup Refinery)

Enc: API & Aeration Lagoon Area Diagram
API Area Enlarged Diagram
NMED Correspondence (e-mail) of June 22, 2009
OCD (Release Notification and Corrective Action, C-141 (Initial) Report
OCD (Release Notification and Corrective Action, C-141 (Final) Report
API Overflow Sampling Analysis (Hall Environmental Laboratories), 6/25/2009

Cc: Ms Hope Monzeglio, New Mexico Environmental Department- Hazardous Waste Bureau
Mr. Carl J. Chavez, New Mexico Oil Conservation Division (NMOCD)
Mr. Mark Turri, Western Refining (Southwest), Refinery Manager
Mr. Ed Riege, Western Refining (Southwest), Environmental Manager
File

Larsen, Thurman

From: Monzeglio, Hope, NMENV [hope.monzeglio@state.nm.us]
Sent: Monday, June 22, 2009 9:18 AM
To: Larsen, Thurman; Riege, Ed
Cc: Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; Dougherty.Joel@epamail.epa.gov
Subject: RE: API separator overflows

I spoke with Beck this morning and there was a miscommunication on my part; there was only one API separator overflow that occurred on June 10th. An overflow did not occur on the 16. Beck with still complete a write up on the event. Let me know if anyone has questions.

Thanks
Hope

From: Monzeglio, Hope, NMENV
Sent: Thursday, June 18, 2009 9:53 AM
To: 'Thurman B. Larsen'; 'Riege, Ed'
Cc: Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD; 'Dougherty.Joel@epamail.epa.gov'
Subject: API separator overflows

Beck

For the API separator overflows that occurred on June 10 and June 16, 2009, please send NMED a letter that describes the sources of the overflows, where the discharges went, identify the reasons for the overflows (why are the overflows occurring during rain events) and describe Western's remedial actions to cleanup the overflows (include actions to be taken to prevent this from happening in the future). The letter must have an attached site plan that shows the source of the overflows and where the discharges went. Please have this information to NMED on or before July 27, 2009.

Let me know if you have additional questions.

Hope

Hope Monzeglio
Environmental Specialist
New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, BLDG 1
Santa Fe NM 87505
Phone: (505) 476-6045; Main No.: (505)-476-6000
Fax: (505)-476-6060
hope.monzeglio@state.nm.us

Websites:
New Mexico Environment Department
Hazardous Waste Bureau

7/17/2009

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|--|-----------------------------|
| Name of Company Western Refining-Southwest | Contact Beck Larsen |
| Address I-40/Exit 39, Jamestown, NM 87347 | Telephone No.(505) 722-0258 |
| Facility Name Gallup Refinery | Facility Type Refinery |

| | | |
|---------------|---------------|-----------|
| Surface Owner | Mineral Owner | Lease No. |
|---------------|---------------|-----------|

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|--------------------|
| Unit Letter | Section 28 | Township 15N | Range 15W | Feet from the | North/South Line | Feet from the | East/West Line | County McKinley |
|-------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|--------------------|

Latitude 35° 29'030'' Longitude 108° 24'040''

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release API Overflow | Volume of Release < 2.0 bbls (oil) | Volume Recovered 1.3 bbls (oil) (estimated) |
| Source of Release API | Date and Hour of Occurrence 6/10/2009; 0500 hrs | Date and Hour of Discovery 6/10/2009; 0500 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? OCD & NMED | |
| By Whom? Beck Larsen | Date and Hour 6/10/2009; 1045 hrs AM | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
At approximately 0230 hrs, Wednesday, June 10, 2009, a heavy rain and thunderstorms passed over the facility. During this storm event, the API overflowed. A description of the incident was previously provided to the Agency on the initial C-141.

Describe Area Affected and Cleanup Action Taken.*
Cleanup efforts began on June 10, 2009. Maintenance and Contract personnel began cleaning up the any aqueous/oily portion of overflow contamination and any contaminated soil and rock debris surrounding the API area. Personnel conduct cleanup of areas such as depressions or other conveyances adjacent to the API area that any contamination may or did spread. After immediate cleanup efforts were completed, All contaminated material were put into a roll-off box to be tested (analyzed by an outside lab), prior to shipment off site for disposal to an approved facility. Contract personnel delivered and spread new gravel and rock material around the API area. Final cleanup of this area was completed on or about June 26, 2009.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

| | | |
|--|----------------------------------|-----------------------------------|
| Signature:  | OIL CONSERVATION DIVISION | |
| Printed Name: Beck Larsen | Approved by District Supervisor: | |
| Title: Environmental Engineer | Approval Date: | Expiration Date: |
| E-mail Address: Thurman.larsen@wnr.com | Conditions of Approval: | Attached <input type="checkbox"/> |
| Date: 7/21/2009 | Phone: (505) 722-0258 | |

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

| | |
|--|-----------------------------|
| Name of Company Western Refining-Southwest | Contact Beck Larsen |
| Address I-40/Exit 39, Jamestown, NM 87347 | Telephone No.(505) 722-0258 |
| Facility Name Gallup Refinery | Facility Type Refinery |

| | | |
|---------------|---------------|-----------|
| Surface Owner | Mineral Owner | Lease No. |
|---------------|---------------|-----------|

LOCATION OF RELEASE

| | | | | | | | | |
|-------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|--------------------|
| Unit Letter | Section 28 | Township 15N | Range 15W | Feet from the | North/South Line | Feet from the | East/West Line | County McKinley |
|-------------|---------------|-----------------|--------------|---------------|------------------|---------------|----------------|--------------------|

Latitude 35° 29'030'' Longitude 108° 24'040''

NATURE OF RELEASE

| | | |
|--|--|--|
| Type of Release API Overflow | Volume of Release < 2.0 bbls (oil) | Volume Recovered 1.3 bbls (oil) (estimated) |
| Source of Release API | Date and Hour of Occurrence 6/10/2009; 0500 hrs | Date and Hour of Discovery 6/10/2009; 0500 |
| Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required | If YES, To Whom? OCD & NMED | |
| By Whom? Beck Larsen | Date and Hour 6/10/2009; 1045 hrs AM | |
| Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, Volume Impacting the Watercourse. | |

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

At approximately 0230 hrs, Wednesday, June 10, 2009, a heavy rain and thunderstorms passed over the facility. As soon as it started raining, the Wastewater Operators and Supervisors started pumping water from new API to the old API in order to reduce the level in the new API. They also started up a "yellow" trash pump in front of the new API going to the old API. The Baker Tank started filling up until it overflowed. The API Operators blocked in the Baker Tank At approximately 0330 hrs, the new API began overflowing from the top onto the ground. Only the West Bay is operational since the East Bay of the API is down for repairs. The overflow lasted for about 30 minutes. However, the overflow from the Baker Tank was contained in the berm area surrounding the tank. At approximately 0430 hrs, the old API began draining into Aeration Lagoon #1 due to excessive stormwater, thus by-passing the Benzene Strippers. It continued raining from about 0430 to 0630 hrs. (about 1 1/2 to 2 hrs). At 0630 hrs, flow stopped from the old API in to Lagoon #1. The amount of rainfall was about 0.76 inches during this time period. During this rain event, the old API sump was being pumped continuously to Tank (T-107) in order to control the level in the old API. At approximately 0500 hrs on Wednesday, June 10, 2009, the Process Shift Superintendent, initially notified Richard Schmitt that the API was overflowing. Then, Mr. Schmitt notified Mr. Mark Turri, Joel Quinones, James Geer, and the Environmental Department about the incident. The Environmental Department was officially notified on Wednesday, 6/10/2009 at approximately 0524 hrs. Environmental personnel arrived at 0609 hrs, Wednesday, June 10, 2009. A site determination and evaluation proceeded during daylight hours. The actual quantity of oil released is difficult to measure with any accuracy. Once daylight arrived, assessment began. Maintenance and Offsite personnel immediately began cleanup. Final quantification was determined to be approximately <2.0 bbls of oil discharged, a crude estimation. All recoverable liquid in areas (oil/water mixtures) around the API and Baker Tank were immediately vacuumed and brought to one of the process drains for further processing by the API.

Describe Area Affected and Cleanup Action Taken.*

Once daylight arrived, assessment began. Maintenance and Offsite personnel immediately began cleanup. All recoverable liquids in areas (oil/water mixture) around the API and the Baker Tank were immediately vacuumed and brought to one of the process drains for further processing by the API. Soil and area remediation around API and Baker Tanks is in progress.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

OIL CONSERVATION DIVISION

Signature:



Printed Name: Beck Larsen

Approved by District Supervisor:

Title: Environmental Engineer

Approval Date:

Expiration Date:

E-mail Address: Thurman.larsen@wnr.com

Conditions of Approval:

Attached

Date: 6/22/2009

Phone: (505) 722-0258

* Attach Additional Sheets If Necessary



COVER LETTER

Friday, July 10, 2009

Thurman B. Larsen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-0258

FAX (505) 722-0210

RE: API Overflow Sampling

Order No.: 0906532

Dear Thurman B. Larsen:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 6/25/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 10-Jul-09

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0906532
Project: API Overflow Sampling
Lab ID: 0906532-01

Client Sample ID: API Overflow
Collection Date: 6/24/2009 10:30:00 AM
Date Received: 6/25/2009
Matrix: SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--------------------------------------|--------|----------|------|-------|----|----------------------|
| Analyst: MMS | | | | | | |
| MERCURY, TCLP | | | | | | 6/26/2009 5:50:15 PM |
| Mercury | ND | 0.020 | | mg/L | 1 | |
| Analyst: SNV | | | | | | |
| EPA METHOD 6010B: TCLP METALS | | | | | | 7/10/2009 8:06:43 AM |
| Arsenic | ND | 5.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Barium | ND | 100 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Cadmium | ND | 1.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Chromium | ND | 5.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Lead | ND | 5.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Selenium | ND | 1.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Silver | ND | 5.0 | | mg/L | 1 | 7/10/2009 7:09:28 AM |
| Analyst: JDC | | | | | | |
| EPA METHOD 8270C TCLP | | | | | | 6/29/2009 |
| 2,4-Dinitrotoluene | ND | 0.13 | | mg/L | 1 | 6/29/2009 |
| Hexachlorobenzene | ND | 0.13 | | mg/L | 1 | 6/29/2009 |
| Hexachlorobutadiene | ND | 0.50 | | mg/L | 1 | 6/29/2009 |
| Hexachloroethane | ND | 3.0 | | mg/L | 1 | 6/29/2009 |
| Nitrobenzene | ND | 2.0 | | mg/L | 1 | 6/29/2009 |
| Pentachlorophenol | ND | 100 | | mg/L | 1 | 6/29/2009 |
| Pyridine | ND | 5.0 | | mg/L | 1 | 6/29/2009 |
| 2,4,5-Trichlorophenol | ND | 400 | | mg/L | 1 | 6/29/2009 |
| 2,4,6-Trichlorophenol | ND | 2.0 | | mg/L | 1 | 6/29/2009 |
| Cresols, Total | ND | 200 | | mg/L | 1 | 6/29/2009 |
| Surr: 2,4,6-Tribromophenol | 73.8 | 20.9-128 | | %REC | 1 | 6/29/2009 |
| Surr: 2-Fluorobiphenyl | 60.4 | 18.3-119 | | %REC | 1 | 6/29/2009 |
| Surr: 2-Fluorophenol | 52.0 | 16.6-101 | | %REC | 1 | 6/29/2009 |
| Surr: 4-Terphenyl-d14 | 65.0 | 32.3-135 | | %REC | 1 | 6/29/2009 |
| Surr: Nitrobenzene-d5 | 65.8 | 22.6-117 | | %REC | 1 | 6/29/2009 |
| Surr: Phenol-d5 | 41.0 | 8-77.9 | | %REC | 1 | 6/29/2009 |
| Analyst: NSB | | | | | | |
| VOLATILES BY 8260B/1311 | | | | | | 7/4/2009 5:24:59 PM |
| Benzene | ND | 0.50 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| 2-Butanone | ND | 10 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Carbon Tetrachloride | ND | 0.50 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Chlorobenzene | ND | 100 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Chloroform | ND | 6.0 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| 1,4-Dichlorobenzene | ND | 7.5 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| 1,2-Dichloroethane (EDC) | ND | 0.50 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| 1,1-Dichloroethene | ND | 0.70 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Hexachlorobutadiene | ND | 0.50 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Tetrachloroethene (PCE) | ND | 0.70 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Trichloroethene (TCE) | ND | 0.50 | | mg/L | 1 | 7/4/2009 5:24:59 PM |
| Vinyl chloride | ND | 0.20 | | mg/L | 1 | 7/4/2009 5:24:59 PM |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 10-Jul-09

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0906532
Project: API Overflow Sampling
Lab ID: 0906532-01

Client Sample ID: API Overflow
Collection Date: 6/24/2009 10:30:00 AM
Date Received: 6/25/2009
Matrix: SOIL

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed |
|--------------------------------|--------|----------|------|-------|----|---------------------|
| | | | | | | Analyst: NSB |
| VOLATILES BY 8260B/1311 | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 100 | 69.9-130 | | %REC | 1 | 7/4/2009 5:24:59 PM |
| Surr: 4-Bromofluorobenzene | 98.2 | 71.2-123 | | %REC | 1 | 7/4/2009 5:24:59 PM |
| Surr: Dibromofluoromethane | 102 | 73.9-134 | | %REC | 1 | 7/4/2009 5:24:59 PM |
| Surr: Toluene-d8 | 98.7 | 81.9-122 | | %REC | 1 | 7/4/2009 5:24:59 PM |
| | | | | | | Analyst: LRW |
| EPA METHOD 418.1: TPH | | | | | | |
| Petroleum Hydrocarbons, TR | 3900 | 400 | | mg/Kg | 20 | 6/26/2009 |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 29, 2009

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

ESC Sample # : L409538-01

Date Received : June 26, 2009
Description : 0906532

Site ID :

Sample ID : API OVERFLOW

Project # : 0906532

Collected By :
Collection Date : 06/24/09 10:30

| Parameter | Result | Det. Limit | Units | Method | Date | Dil. |
|--------------------------------|---------------|------------|--------|-------------|----------|------|
| Corrosivity | Non-Corrosive | | | 9040C | 06/27/09 | 1 |
| Chromium, Hexavalent | BDL | 2.0 | mg/kg | 3060A/7196A | 06/27/09 | 1 |
| Ignitability | See Footnote | | Deg. F | D93/1010A | 06/29/09 | 1 |
| Reactive CN (SW846 7.3.3.2) | BDL | 0.125 | mg/kg | 9012B | 06/29/09 | 1 |
| Reactive Sulf. (SW846 7.3.4.1) | BDL | 25. | mg/kg | 9034/9030B | 06/28/09 | 1 |

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/29/09 16:27 Printed: 06/29/09 16:27
L409538-01 (IGNITABILITY) - Did Not Ignite @ 170F

Attachment A
List of Analytes with QC Qualifiers

| Sample Number | Work Group | Sample Type | Analyte | Run ID | Qualifier |
|---------------|------------|-------------|----------------------|---------|-----------|
| L409538-01 | WG428532 | SAMP | Chromium, Hexavalent | R795546 | J6 |



**ENVIRONMENTAL
SCIENCE CORP.**

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE

**Quality Assurance Report
Level II**

Albuquerque, NM 87109

L409538

June 29, 2009

| Analyte | Result | Laboratory Blank | | Limit | Batch | Date Analyzed |
|--------------------------------|--------|------------------|-------|-------|----------|----------------|
| | | Units | % Rec | | | |
| Chromium, Hexavalent | < 2 | mg/kg | | | WG428532 | 06/27/09 13:26 |
| Corrosivity | 2.80 | | | | WG428517 | 06/27/09 11:10 |
| Reactive Sulf. (SW846 7.3.4.1) | < 25 | mg/kg | | | WG428681 | 06/28/09 17:00 |

| Analyte | Units | Duplicate | | | Limit | Ref Samp | Batch |
|--------------------------------|--------|-----------|-----------|------|-------|------------|----------|
| | | Result | Duplicate | RPD | | | |
| Chromium, Hexavalent | mg/kg | 0.00 | 0.00 | 0.00 | 20 | L409428-01 | WG428532 |
| Corrosivity | | 0.00 | 0.00 | 0.00 | 10 | L409010-01 | WG428517 |
| Reactive Sulf. (SW846 7.3.4.1) | mg/kg | 0.00 | 0.00 | 0.00 | 20 | L409538-01 | WG428681 |
| Reactive CN. (SW846 7.3.3.2) | mg/kg | 0.00 | 0.00 | 0.00 | 20 | L409538-01 | WG428683 |
| Ignitability | Deg. F | 0.00 | 0.00 | 0.00 | 10 | L409538-01 | WG428687 |

| Analyte | Units | Laboratory Control Sample | | % Rec | Limit | Batch |
|--------------------------------|--------|---------------------------|--------|-------|------------|----------|
| | | Known Val | Result | | | |
| Chromium, Hexavalent | mg/kg | 102 | 82.5 | 80.9 | 50-143 | WG428532 |
| Corrosivity | | 9.04 | 8.90 | 98.5 | 97.4-102.6 | WG428517 |
| Reactive Sulf. (SW846 7.3.4.1) | mg/kg | 100 | 82.0 | 82.0 | 70-130 | WG428681 |
| Ignitability | Deg. F | 82 | 82.0 | 100 | 96-104 | WG428687 |

| Analyte | Units | Laboratory Control Sample Duplicate | | | Limit | RPD | Limit | Batch |
|--------------------------------|--------|-------------------------------------|------|-------|------------|-------|-------|----------|
| | | Result | Ref | % Rec | | | | |
| Chromium, Hexavalent | mg/kg | 81.9 | 82.5 | 80.0 | 50-143 | 0.730 | 20 | WG428532 |
| Corrosivity | | 8.90 | 8.90 | 98.0 | 97.4-102.6 | 0.00 | 10 | WG428517 |
| Reactive Sulf. (SW846 7.3.4.1) | mg/kg | 82.0 | 82.0 | 82.0 | 70-130 | 0.00 | 20 | WG428681 |
| Ignitability | Deg. F | 82.0 | 82.0 | 100 | 96-104 | 0.00 | 20 | WG428687 |

| Analyte | Units | Matrix Spike | | | % Rec | Limit | Ref Samp | Batch |
|----------------------|-------|--------------|---------|----|-------|--------|------------|----------|
| | | MS Res | Ref Res | TV | | | | |
| Chromium, Hexavalent | mg/kg | 13.7 | 0.00 | 20 | 68.5* | 80-120 | L409538-01 | WG428532 |

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE
Albuquerque, NM 87109

Quality Assurance Report
Level II
L409538

June 29, 2009

| Analyte | Units | MSD | Matrix Spike Ref | Duplicate %Rec | Limit | RPD | Limit Ref Samp | Batch |
|----------------------|-------|------|---------------------|-------------------|--------|------|----------------|----------|
| Chromium, Hexavalent | mg/kg | 14.2 | 13.7 | 71% | 80-120 | 3.58 | 20 L409538-01 | WG428532 |

Batch number / Run number / Sample number cross reference

WG428532: R795546: L409538-01
WG428517: R796588: L409538-01
WG428681: R796589: L409538-01
WG428683: R796746: L409538-01
WG428687: R797027: L409538-01

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: API Overflow Sampling

Work Order: 0906532

| Analyte | Result | Units | PQL | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|

Method: EPA Method 418.1: TPH

Sample ID: MB-19472

MBLK

Batch ID: 19472 Analysis Date: 6/26/2009

Petroleum Hydrocarbons, TR

ND

mg/Kg

20

Batch ID: 19472 Analysis Date: 6/26/2009

Sample ID: LCS-19472

LCS

Petroleum Hydrocarbons, TR

85.50

mg/Kg

20

85.5

82 114

Batch ID: 19472 Analysis Date: 6/26/2009

Sample ID: LCSD-19472

LCSD

Petroleum Hydrocarbons, TR

95.42

mg/Kg

20

95.4

82 114

11.0 20

Method: Volatiles by 8260B/1311

Sample ID: mb-19468

MBLK

Batch ID: 19468 Analysis Date: 7/4/2009 4:00:13 PM

Benzene

ND

mg/L

0.50

2-Butanone

ND

mg/L

10

Carbon Tetrachloride

ND

mg/L

0.50

Chlorobenzene

ND

mg/L

100

Chloroform

ND

mg/L

6.0

1,4-Dichlorobenzene

ND

mg/L

7.5

1,2-Dichloroethane (EDC)

ND

mg/L

0.50

1,1-Dichloroethene

ND

mg/L

0.70

Hexachlorobutadiene

ND

mg/L

0.50

Tetrachloroethene (PCE)

ND

mg/L

0.70

Trichloroethene (TCE)

ND

mg/L

0.50

Vinyl chloride

ND

mg/L

0.20

Sample ID: lcs-19468

LCS

Batch ID: 19468 Analysis Date: 7/4/2009 3:31:53 PM

Benzene

0.1367

mg/L

0.010

34.2

51.1

171

S

Chlorobenzene

0.06556

mg/L

0.010

16.4

36.1

191

S

1,1-Dichloroethene

0.09015

mg/L

0.010

22.5

49.1

162

S

Trichloroethene (TCE)

0.05354

mg/L

0.010

13.4

41.2

166

S

Qualifiers:

- | | |
|--|--|
| E Estimated value | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | ND Not Detected at the Reporting Limit |
| R RPD outside accepted recovery limits | S Spike recovery outside accepted recovery limits |

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: API Overflow Sampling

Work Order: 0906532

| Analyte | Result | Units | PQL | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|

Method: EPA Method 8270C TCLP

Sample ID: mb-19499

MBLK

Batch ID: 19499 **Analysis Date:** 6/29/2009

| | | | |
|-----------------------|----|------|------|
| 2,4-Dinitrotoluene | ND | mg/L | 0.13 |
| Hexachlorobenzene | ND | mg/L | 0.13 |
| Hexachlorobutadiene | ND | mg/L | 0.50 |
| Hexachloroethane | ND | mg/L | 3.0 |
| Nitrobenzene | ND | mg/L | 2.0 |
| Pentachlorophenol | ND | mg/L | 100 |
| Pyridine | ND | mg/L | 5.0 |
| 2,4,5-Trichlorophenol | ND | mg/L | 400 |
| 2,4,6-Trichlorophenol | ND | mg/L | 2.0 |
| Cresols, Total | ND | mg/L | 200 |

Sample ID: lcs-19499

LCS

Batch ID: 19499 **Analysis Date:** 6/29/2009

| | | | | | | |
|-----------------------|---------|------|-------|------|------|------|
| 2,4-Dinitrotoluene | 0.07790 | mg/L | 0.010 | 77.9 | 24.8 | 102 |
| Hexachlorobenzene | 0.05940 | mg/L | 0.010 | 59.4 | 20.2 | 72.5 |
| Hexachlorobutadiene | 0.06098 | mg/L | 0.010 | 61.0 | 20.1 | 100 |
| Hexachloroethane | 0.06236 | mg/L | 0.010 | 62.4 | 29.2 | 95 |
| Nitrobenzene | 0.07112 | mg/L | 0.010 | 71.1 | 34.4 | 94.7 |
| Pentachlorophenol | 0.05852 | mg/L | 0.010 | 58.5 | 8.63 | 96.2 |
| Pyridine | 0.04090 | mg/L | 0.010 | 40.9 | 12.5 | 64.7 |
| 2,4,5-Trichlorophenol | 0.06626 | mg/L | 0.010 | 66.3 | 16.7 | 98 |
| 2,4,6-Trichlorophenol | 0.05820 | mg/L | 0.010 | 58.2 | 20.9 | 93.5 |
| Cresols, Total | 0.1652 | mg/L | 0.010 | 55.1 | 12.6 | 88.1 |

Sample ID: lcsd-19499

LCSD

Batch ID: 19499 **Analysis Date:** 6/29/2009

| | | | | | | | | |
|-----------------------|---------|------|-------|------|------|------|-------|------|
| 2,4-Dinitrotoluene | 0.07390 | mg/L | 0.010 | 73.9 | 24.8 | 102 | 5.27 | 27.8 |
| Hexachlorobenzene | 0.05446 | mg/L | 0.010 | 54.5 | 20.2 | 72.5 | 8.68 | 36.1 |
| Hexachlorobutadiene | 0.05928 | mg/L | 0.010 | 59.3 | 20.1 | 100 | 2.83 | 39.1 |
| Hexachloroethane | 0.05714 | mg/L | 0.010 | 57.1 | 29.2 | 95 | 8.74 | 57.2 |
| Nitrobenzene | 0.06044 | mg/L | 0.010 | 60.4 | 34.4 | 94.7 | 16.2 | 44.7 |
| Pentachlorophenol | 0.05836 | mg/L | 0.010 | 58.4 | 8.63 | 96.2 | 0.274 | 24.7 |
| Pyridine | 0.03872 | mg/L | 0.010 | 38.7 | 12.5 | 64.7 | 5.48 | 77.5 |
| 2,4,5-Trichlorophenol | 0.06422 | mg/L | 0.010 | 64.2 | 16.7 | 98 | 3.13 | 34.6 |
| 2,4,6-Trichlorophenol | 0.05684 | mg/L | 0.010 | 56.8 | 20.9 | 93.5 | 2.36 | 32.8 |
| Cresols, Total | 0.1444 | mg/L | 0.010 | 48.1 | 12.6 | 88.1 | 13.4 | 46.3 |

Method: MERCURY, TCLP

Sample ID: MB-19479

MBLK

Batch ID: 19479 **Analysis Date:** 6/26/2009 5:36:11 PM

Mercury ND mg/L 0.020

Sample ID: LCS-19479

LCS

Batch ID: 19479 **Analysis Date:** 6/26/2009 5:37:54 PM

Mercury ND mg/L 0.020 97.0 80 120

Qualifiers:

| | | | |
|---|--|----|--|
| E | Estimated value | H | Holding times for preparation or analysis exceeded |
| J | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| R | RPD outside accepted recovery limits | S | Spike recovery outside accepted recovery limits |

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: API Overflow Sampling

Work Order: 0906532

| Analyte | Result | Units | PQL | %Rec | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|
|---------|--------|-------|-----|------|----------|-----------|------|----------|------|

Method: EPA Method 6010B: TCLP Metals

| | | | | | | | | | |
|----------------------------------|----|-------------|-----|------|----|------------------------|--|----|--|
| Sample ID: 0906532-01AMSD | | <i>MSD</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:14:37 AM | | |
| Cadmium | ND | mg/L | 1.0 | 101 | 75 | 125 | 0 | 20 | |
| Chromium | ND | mg/L | 5.0 | 92.6 | 75 | 125 | 0 | 20 | |
| Lead | ND | mg/L | 5.0 | 89.9 | 75 | 125 | 0 | 20 | |
| Selenium | ND | mg/L | 1.0 | 111 | 75 | 125 | 0 | 20 | |
| Silver | ND | mg/L | 5.0 | 104 | 75 | 125 | 0 | 20 | |
| Sample ID: 0906532-01AMSD | | <i>MSD</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:22:20 AM | | |
| Barium | ND | mg/L | 100 | 97.5 | 75 | 125 | 0 | 20 | |
| Sample ID: 0906532-01AMSD | | <i>MSD</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 8:13:31 AM | | |
| Arsenic | ND | mg/L | 5.0 | 99.7 | 75 | 125 | 0 | 20 | |
| Sample ID: MB-19523 | | <i>MBLK</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:02:39 AM | | |
| Arsenic | ND | mg/L | 5.0 | | | | | | |
| Barium | ND | mg/L | 100 | | | | | | |
| Cadmium | ND | mg/L | 1.0 | | | | | | |
| Chromium | ND | mg/L | 5.0 | | | | | | |
| Lead | ND | mg/L | 5.0 | | | | | | |
| Selenium | ND | mg/L | 1.0 | | | | | | |
| Silver | ND | mg/L | 5.0 | | | | | | |
| Sample ID: MB-19523 | | <i>MBLK</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 8:01:39 AM | | |
| Arsenic | ND | mg/L | 5.0 | | | | | | |
| Sample ID: LCS-19523 | | <i>LCS</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:06:54 AM | | |
| Arsenic | ND | mg/L | 5.0 | 110 | 80 | 120 | | | |
| Barium | ND | mg/L | 100 | 99.1 | 80 | 120 | | | |
| Cadmium | ND | mg/L | 1.0 | 106 | 80 | 120 | | | |
| Chromium | ND | mg/L | 5.0 | 99.8 | 80 | 120 | | | |
| Lead | ND | mg/L | 5.0 | 97.0 | 80 | 120 | | | |
| Selenium | ND | mg/L | 1.0 | 107 | 80 | 120 | | | |
| Silver | ND | mg/L | 5.0 | 104 | 80 | 120 | | | |
| Sample ID: LCS-19523 | | <i>LCS</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 8:04:10 AM | | |
| Arsenic | ND | mg/L | 5.0 | 114 | 80 | 120 | | | |
| Sample ID: 0906532-01AMS | | <i>MS</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:12:04 AM | | |
| Cadmium | ND | mg/L | 1.0 | 105 | 75 | 125 | | | |
| Chromium | ND | mg/L | 5.0 | 95.9 | 75 | 125 | | | |
| Lead | ND | mg/L | 5.0 | 93.6 | 75 | 125 | | | |
| Selenium | ND | mg/L | 1.0 | 113 | 75 | 125 | | | |
| Silver | ND | mg/L | 5.0 | 105 | 75 | 125 | | | |
| Sample ID: 0906532-01AMS | | <i>MS</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 7:19:45 AM | | |
| Barium | ND | mg/L | 100 | 103 | 75 | 125 | | | |
| Sample ID: 0906532-01AMS | | <i>MS</i> | | | | Batch ID: 19523 | Analysis Date: 7/10/2009 8:09:15 AM | | |
| Arsenic | ND | mg/L | 5.0 | 98.6 | 75 | 125 | | | |

Qualifiers:

- | | |
|--|--|
| E Estimated value | H Holding times for preparation or analysis exceeded |
| J Analyte detected below quantitation limits | ND Not Detected at the Reporting Limit |
| R RPD outside accepted recovery limits | S Spike recovery outside accepted recovery limits |

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU

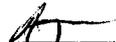
Date Received:

6/25/2009

Work Order Number 0906532

Received by: TLS

Sample ID labels checked by:


Initials

Checklist completed by:

Signature

Date

6/25/09

Matrix:

Carrier name UPS

- | | | | | |
|---|--|---|---|---|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | |
| Custody seals intact on shipping container/cooler? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | Not Shipped <input type="checkbox"/> |
| Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> | |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Water - VOA vials have zero headspace? | No VOA vials submitted <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Number of preserved bottles checked for pH: |
| Water - Preservation labels on bottle and cap match? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> | |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | N/A <input checked="" type="checkbox"/> | <2 >12 unless noted below. |
| Container/Temp Blank temperature? | 3.1° | <6° C Acceptable If given sufficient time to cool. | | |

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

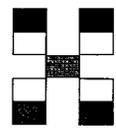
Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN-REFINING
 Gallup Refinery
 Mailing Address: RT 3 Box 9
 Gallup NM 87301
 Phone #: 505 722 3833
 email or Fax#: 505 722 0210
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: API OVERFLOW SAMPLING
 Project #:
 Project Manager: THURMAN LARSEN
 Sampler:
 On Ice: Yes No
 Sample Temperature: 3.1



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| BTEX + MTBE + TMB's (8021) | BTEX + MTBE + TPH (Gas only) | TPH Method 8015B (Gas/Diesel) | TPH (Method 418.1) | EDB (Method 504.1) | 8310 (PNA or PAH) | RCRA 8 Metals | Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄) | 8081 Pesticides / 8082 PCB's | 8260B (VOA) | 8270 (Semi-VOA) | RL, TCLP METALS (1311) | CG+6 (Hexavalent Chromium) | TCLP Volatiles (1310) TPH | TCLP SEMI Volatiles (1311) | Air Bubbles (Y or N) |
|----------------------------|------------------------------|-------------------------------|--------------------|--------------------|-------------------|---------------|--|------------------------------|-------------|-----------------|------------------------|----------------------------|---------------------------|----------------------------|----------------------|
| | | | X | | | | | | | | X | X | X | X | |

| Date | Time | Matrix | Sample Request ID | Container Type and # | Preservative Type | HEAL No. ^{ALTA} |
|---------|------|-----------------------------|-------------------|----------------------|-------------------|--------------------------|
| 6-24-09 | 1030 | Soil ^{AT 12/25/09} | API OVERFLOW | QT-3 | | 0906527 ³² |

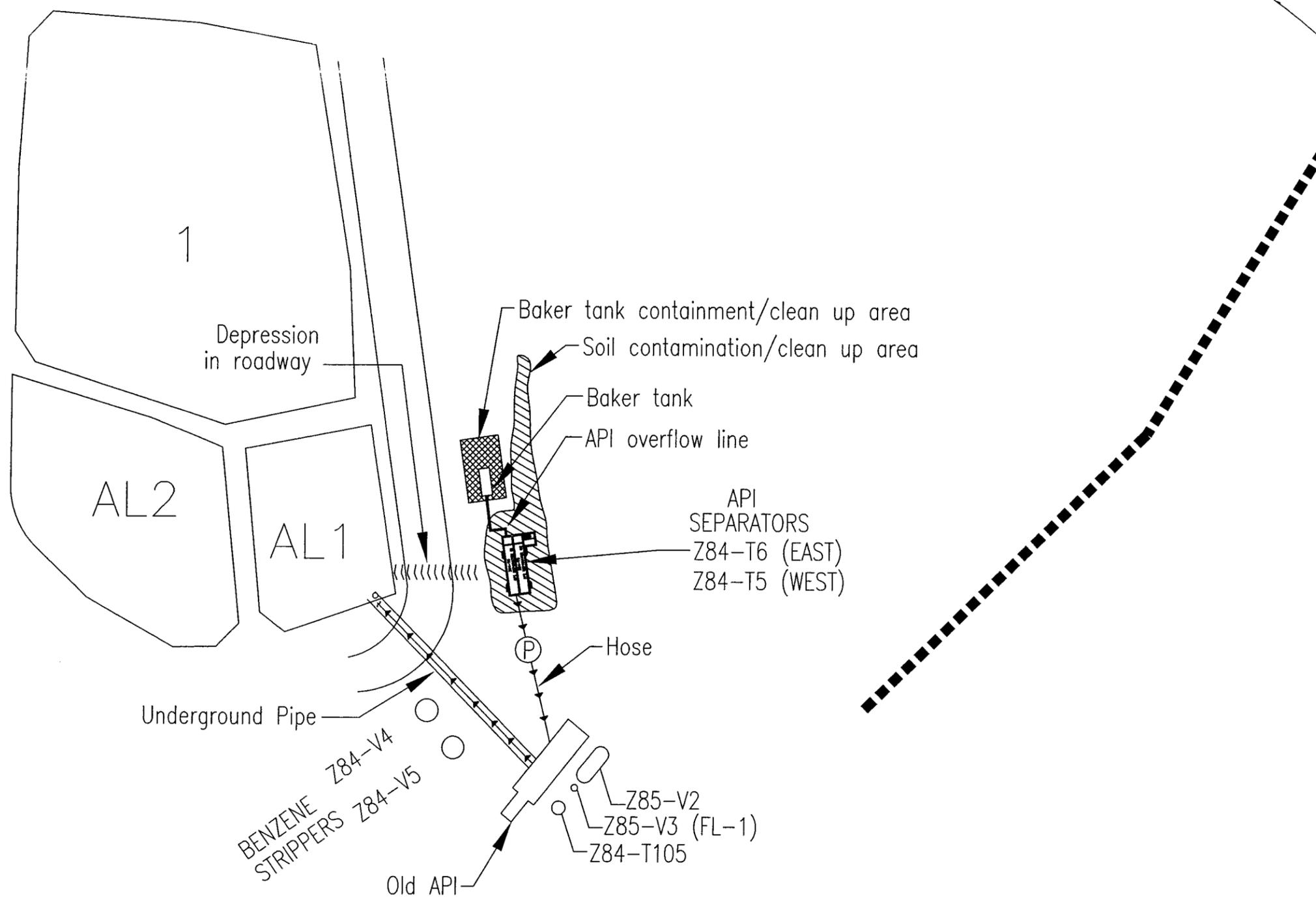
Date: 6-24-09 Time: 1200 Relinquished by: *[Signature]*
 Received by: *[Signature]* Date: 6/25/09 Time: 1233

Remarks: RINCHEN BOX 104050

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

AERATION LAGOONS

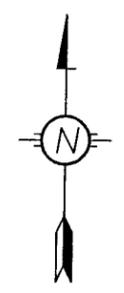
REFERENCE DRAWINGS



337

344

339



Western Refining
Gallup Refinery

API & AERATION LAGOON AREA

| | | | |
|----------------|----------------------|---------|------------------|
| SCALE | 1/128" = 1'-0" | APRV'D. | |
| DRAWING UPDATE | 09/23/08 | DATE | 11-11/98 |
| ISSUED | 11/05/07 | DRN. | CLM |
| REV. | REVISION DESCRIPTION | RFC No. | DATE |
| | | | CHK'D. |
| | | | DWG NO. Z-01-126 |
| | | | REV. 1 |

Depression
in roadway

Baker tank containment/clean up area

Soil contamination/clean up area

Baker tank

API overflow line

API
SEPARATORS

Z84-T6 (EAST)

Z84-T5 (WEST)

Hose

Underground Pipe

Z84-V4

Z84-V5

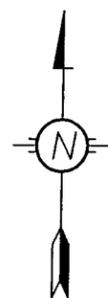
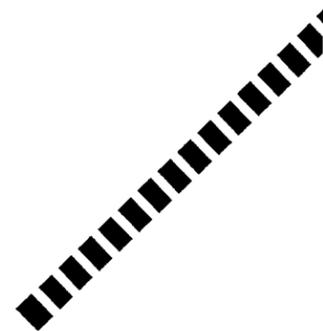
BENZENE
STRIPPERS

Z85-V2

Z85-V3 (FL-1)

Z84-T105

Old API



Western Refining
Gallup Refinery

API AREA ENLARGED

| | | | |
|--------|------------------|---------|------|
| SCALE | 1/128" = 1'-0" | APRV'D. | |
| DATE | 11-11-98 | APRV'D. | |
| DRN. | CLM | 1 | REV. |
| CHK'D. | DWG NO. Z-01-126 | 2 | |

2

AL1

P