

FS. 528



March 21, 2005 TTEC-SL-2005GEO010

Mr. Chuck Conley Tiger Oil Corporation 2850 Fletcher Boise, ID 83702

Subject.

UST Decommissioning and Site Assessment at Tiger Oil Corporation Facility, 1606 E Nob Hill Boulevard, Yakima, Washington.

Dear Mr. Conley:

Tetra Tech FW, Inc. (TtFWI) is pleased to provide Tiger Oil Corporation (Tiger) with this report documenting the results of underground storage tank (UST) removals and site assessment (Figure 1) at the former gas station and bulk storage facility located at 1606 E Nob Hill Boulevard, Yakima, Washington. Tiger retained TtFWI to provide decommissioning supervision, site assessment, and documentation services during the UST removal.

The site is located between 16th and 17th Avenue on East Nob Hill Boulevard in Yakima, WA. The site contained twelve USTs consisting of six 20,000 gallon gasoline (regular, unleaded and premium) tanks, five 20,000 gallon diesel (low sulfur and off-road) tanks, and one 20,000 stoddard solvent tank. Washington Department of Ecology records indicted that on additional 4,000 gallon waste oil tank was onsite. TtFWI searched the exterior paved areas and interviewed the local facility manager, but were unable to locate this tank. An oil water separator located adjacent to the truck loading area had an estimated volume of 3500 to 4000 gallons and might at one time been registered with WDOE as an UST. This oil water separator was full of water and did not contain free product. The location of these tanks and the oil water separator are shown on Figure 1.

The UST decommissioning and site assessment were performed by a licensed Washington State UST Decommissioner and Site Assessor from TtFWI. Tri-Valley Construction, Inc. (Tri-Valley) of Yakima, under separate contract with Tiger, provided the UST removal, tank cleaning/disposal and backfilling services. The work was conducted between January 24, 2005 and January 27, 2005.

UST DECOMMISSIONING AND SITE ASSESSMENT ACTIVITIES

The twelve tanks were located in two areas of the site as follows:

Area 1 - The Office Area is located between the dispenser island and the main office building. Four USTs were located in this area of the site consisting of three gasoline tanks and one diesel tank. These tanks supplied fuel to the dispenser islands for retail sale.

Area 2 – The Truck Loading Rack Area is located at the west edge of the facility. Eight USTs were located in this area of the site consisting four gasoline tanks, three diesel tanks and one stoddard solvent tanks. These tanks were used to fill tanker trucks for delivery to other sites.



Tiger Oil Corporation UST Decommissioning 1606 E. Nob Hill Boulevard, Yakima Page 2 of 2

On January 24th, decommissioning work commenced at the Office Area (Area 1). Three 20,000 gallon steel gasoline tanks and one 20,000 gallon steel diesel tank were inerted and removed from a single excavation by Tri-Valley. Prior to removal, the tanks were checked for the presence of fluids. Residual fuel in each tank was less than one inch. Tri-Valley removed the asphalt and shallow backfill material overlying the tanks in preparation for removal. Once exposed, each tank was inerted with dry ice. Approximately one hundred pounds of dry ice was used to inert each 20,000 gallon tank. Oxygen measurements were collected prior to removal to verify that the oxygen levels were below combustion levels. The four 20,000 gallon USTs were then removed from the excavation by Tri-Valley using a trackhoe or crane and set aside for cleaning and cutting. The final excavation was approximately 55' by 40' by 14' deep. Groundwater was not encountered during the removal of the USTs.

Upon removal, the tanks from the Office Area (Area 1) were examined by TtFWI, Tri-Valley, and the Washington State Department of Ecology (Ecology). These tanks had minor surface rust and were in good condition with no evidence of leaks or holes. Evidence of minor spillage associated with the fill piping or turbines associated with these four tanks was noted in the field (i.e. petroleum staining on tanks and petroleum odors in shallow fill material near the fill pipes and turbines). The four tanks were cut and cleaned on-site and transported offsite for disposal/recycling on January 25th by Tri-Valley. The residual fuel and sludge was placed in 55-gallon drums on-site for future disposal by Tri-Valley. Underground piping running to the islands were drained and capped with quick setting cements.

During removal of the USTs, the soil/gravels were visually inspected and periodically monitored using a photo-ionization detector (PID). The native excavation material at this location consisted of silty sand with 2 to 3 inch cobbles. The backfill around the tanks consisted of pea-gravel. Soil above and near the USTs that was removed to facilitate the removal of the tanks contained some field evidence of petroleum hydrocarbons. Soil along the sidewalls and below these tanks, however did not contain field evidence of petroleum hydrocarbons. Backfilling with native and imported soil occurred on the same day of removal.

Soil samples were collected by hand from the bucket of the excavator for this excavation. Samples were taken according to applicable Washington State Department of Ecology Site Assessment Guidelines including use of core sample methods for volatile organic compound analysis. One sample was also collected at a depth of two foot below the capped piping runs heading to the dispenser islands. The soil samples were placed directly in laboratory supplied containers and upon collection each sample was sealed and placed in a cooler for cold storage during field work and transport. The samples were shipped to CCI Analytical Laboratories under chain-of-custody documentation. A summary of the laboratory reported results are presented in Table 1. The laboratory reports and chain-of-custody documents are provided in Appendix B.

On January 25th, decommissioning work commenced at the Truck Loading Rack Area (Area 2) with final backfilling completed on January 27th. On the first day, two 20,000 gallon steel diesel tanks and one 20,000 gallon steel stoddard solvent tank were inerted and removed from the excavation by Tri-Valley. On January 26th, four 20,000 steel gasoline tanks and one 20,000 steel diesel tank were inerted and removed from the same excavation by Tri-Valley. Prior to removal the tanks were checked for the presence of fluids. Residual fuel in each tank was less than one

Tiger Oil Corporation
UST Decommissioning
1606 E. Nob Hill Boulevard, Yakima
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inch. Tri-Valley removed the concrete and shallow backfill material overlying the tanks in preparation for removal. Once exposed, each tank was inerted with dry ice. Approximately, one hundred pounds of dry ice was used to inert each 20,000 gallon tank. Oxygen measurements were collected prior to removal to verify that the oxygen levels were below combustion levels. The eight 20,000 gallon USTs were removed from the excavation by Tri-Valley using a trackhoe or crane and set aside for cleaning and cutting. The final excavation was approximately 80' by 70' by 14' deep. Groundwater was not encountered during the removal of the USTs.

UST removal and decommissioning activities were observed and documented by a licensed UST Decommissioner and Site Assessor from TtFWI. Copies of UST decommissioning documents are provided in Appendix A. Upon removal, the tanks were examined by TtFWI, Tri-Valley, and the Washington State Department of Ecology (Ecology). The tanks had minor surface rust and were in good condition with no evidence of leaks or holes. However, there was minor evidence of spillage associated with the fill piping and turbines on each of the eight tanks. The tanks were cut and cleaned on-site and transported offsite for disposal/recycling on January 27th. The residual fuel and sludge was placed in 55-gallon drums for future disposal. The truck loading rack and associated piping/pumps were also removed. All removal and disposal activities were conducted by Tri-Valley. Underground piping running to the oil water separator and the Office Area UST excavation were drained and capped with quick setting cements.

The native soil and backfill material were similar to that described for the Office Area. Soil/gravel removed to facilitate the removal of the tanks were visually inspected and periodically monitored using a PID. Soil/gravel excavated adjacent to the fill piping and immediately below the tanks appeared to be impacted by petroleum hydrocarbons from what appeared to be spillage from the fill piping and turbines. There was no evidence of impacted soils along the sidewalls of the excavation.

Soil samples were collected, preserved, prepared for transportation, and analyzed as described above for the Office Area. One duplicate soil sample was collected at this site (Tiger4-BD). As required by Ecology, two soil samples from the Truck Loading Rack Area excavation were selected for analysis for MTBE, EDB and EDC. Since gasoline range hydrocarbons were not detected in soil samples collected from the Office Area UST excavation, a soil sample was not submitted for these additional analyses.

A water well was discovered on the east edge of the northern Truck Loading Rack Area and is shown on Figure 1. The well casing was not exposed during the excavation and left in place.

SUMMARY AND CONCLUSIONS

The following summary and conclusions are based on the findings of the UST removal and Site Assessment conducted at 1606 E Nob Hill Boulevard, Yakima, Washington.

Office Area

1. Three 20,000 gallon steel gasoline tanks and one 20,000 gallon steel diesel tank were removed from this area of the site by Tri-Valley on January 24th, 2005.

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- 2. No holes were found in these four steel USTs removed from the Office Area during this decommissioning.
- 3. The UST excavation was approximately 14 feet in depth (from the ground surface) and groundwater was not encountered during the removal of the tanks.
- 4. The UST excavation was backfilled and compacted with excavated soil and imported fill material
- 5. The dispenser islands and associated piping were not removed during this UST decommissioning.
- 6. The USTs were cut and cleaned and transported offsite by TriValley for disposal/recycling.
- 7. The residual fuel was removed from the USTs and placed in drums for offsite disposal by Tri-Valley.
- 8. Laboratory results indicate that soil samples collected from the Office Area UST excavation did not contain detectable concentrations of benzene, ethylbenzene, xylenes, gasoline range hydrocarbons, and heavier than diesel (oil) range hydrocarbons.
- 9. Laboratory results indicate that soil samples collected from the Office Area UST excavation contained toluene concentrations ranging from ND (<0.05) to 0.5 mg/kg, diesel range hydrocarbons concentrations ranging from ND (<25) to 33 mg/kg, and total lead concentrations ranging from ND (<2.7) to 94 mg/kg.
- 10. Laboratory chromatographs indicate hydrocarbons are heavily weathered gasoline and diesel range hydrocarbons.
- 11. Based on field observations, some evidence of periodic spillage associated with fill tubes or turbines associated with the USTs removed from Office Area was present. Based on laboratory results, this did not appear to impact soil sampled below and adjacent to the former USTs located in the Office Area.

Truck Loading Rack Area

- Four 20,000 gallon steel gasoline tanks, three 20,000 gallon steel diesel tanks, and one 20,000 gallon steel stoddard solvent tank were removed from this area of the site by Tri-Valley between on January 25th and 27th.
- 2. No holes were found in these eight USTs removed from the Truck Loading Rack Area during this decommissioning.
- 3. The UST excavations were 14 to 15 foot in depth (from the ground surface) and groundwater was not encountered during the removal.
- 4. The UST excavation was backfilled and compacted with excavated soil and imported fill material.
- 5. Laboratory results indicate that soil samples collected from the Truck Loading Rack UST excavation did not contain detectable concentrations of benzene, toluene, or MTBE, EDB, or EDC.
- 6. Laboratory results indicate that soil samples collected from the Truck Loading Rack UST excavation contained ethylbenzene concentrations ranging from ND (<0.05) to 2.3 mg/kg, xylene concentrations ranging from ND (<0.2) to 1.8 mg/kg, gasoline range hydrocarbon concentrations ranging from ND (<3) to 530 mg/kg, total lead concentrations ranging from ND (<2.7) to 94 mg/kg, diesel range hydrocarbon

Tiger Oil Corporation UST Decommissioning 1606 E. Nob Hill Boulevard, Yakima Page 5 of 5

- concentrations ranging from ND (<25) to 8,200 mg/kg, and heavier than diesel (oil) range hydrocarbon from ND (<50) to 53 mg/kg.
- 7. Based on field observations, some evidence of periodic spillage associated with fill tubes or turbines associated with the USTs removed from Loading Rack Area was present. Based on laboratory results of the soil samples collected within the Loading Rack UST excavation, it appears that the extent of petroleum hydrocarbons in soil in this area is limited to the area near the former location of the gasoline tanks located in the southwest corner of the excavation. The petroleum hydrocarbon concentrations were noted as "highly weathered" by the laboratory indicating historic spillage.

TtFWI appreciates the opportunity to be of service to you on this project. If you have any questions regarding these results please do not hesitate to undersigned at (509) 255-9969 or (425) 482-7726.

Richard Weingarz, LG

TtFWI

Senior Geologist

Licensed WA Decommissioner # 5037163 U2 Licensed WA Site Assessor # 5037163 U7 Chris Generous, LG

TtFWI

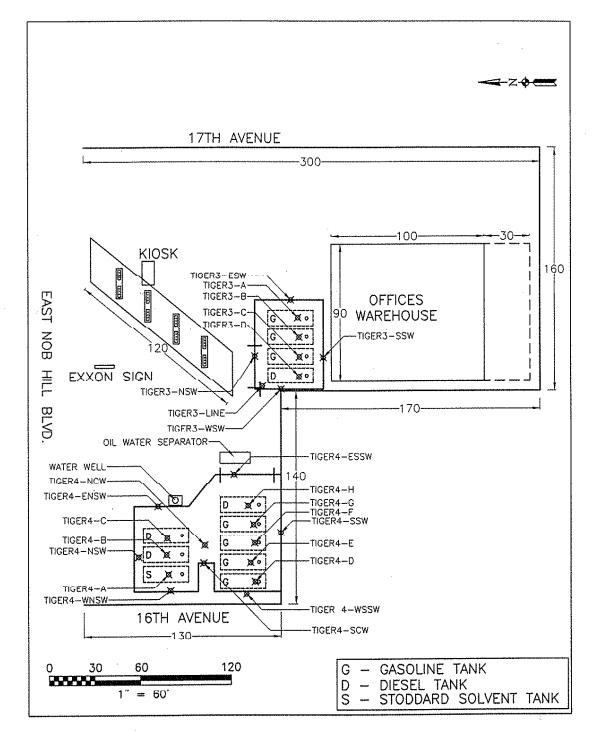
Consulting Engineer Senior Project Manager

Cc: Tom Mackey, Department of Ecology

FIGURE 1

<u>AND</u>

TABLE 1



1606 E. NOB HILL FACILITY

NOTES:

1) DIMENSIONS IN FEET

2) ALL TANKS 20,000 GALLON CAPACITY

LEGEND:

EXTENT OF EXCAVATION

ጆ SAMPLE LOCATION

CAPPED PIPING TERMINATED AT EXCAVATION



TETRA TECH PW, INC. 12100 NE 195th Street Suite 200 Bothell, Wa. 98011 TEL: (425) 462-7600 FAX: (425) 482-7652

FIGURE 1 UST DECOMMISSIONING TIGER OIL CORPORATION 1606 E. NOB HILL YAKIMA, WASHINGTON

Table 1. Analytical Results Office/Warehouse UST Excavation

| | | | | | Office/ | Office/Warehouse USTs Excavation | Is Excavation | | | |
|--------------|--------|---------------|---------------|---------------|-----------------|----------------------------------|---|-------------------|------------------|-----------------|
| SAMPLES | | Tiger3-A | Tiger3-B | Tiger3-C | Tiger3-D | Tiger3-ESW | Tiger3-NSW | Tiger3-SSW | Tiger3-WSW | Tiger3-line |
| | | | | | | | | | | |
| | | Urder regular | Under regular | Under regular | | | | | | Soil from Delow |
| | | leaded | nnleaded | nleaded | Under Desel | East Sidewall of North Sidewall | North Sidewall | South Sidewall of | Wes: Sidewall of | island piping |
| LOCATION | | gasoline tank | gasoline tank | gasoline tank | tank | Excavation | of Excavation | Excavation | Excavation | นาน |
| Depth (ft) | | 14 | 14 | 14 | 14 | 8 | 2 | 7 | 7 | 4, |
| | | | | | | | | | | |
| Analytes 1 | nnits | | | | | | | | | |
| TPH-G | mc/kg | (o.£>) QN | ND (<3.0) | ND (<3.0) | (o:5>) QN | (0.6>) dN | (0.6>) CIN | (0.6>) QN | (0.6>) QN | ND (<3.0) |
| | mg/kg | | | | ~ 25 | | 25 | ^ 25 | 69 | 83 |
| TPH-luse | mg/kg | 1 | - | ******* | √ 20 | | - 20 - 20 | ×20 | <50 | <50 |
| penzere | mg/kg | ND (<3.0) | ND (<3.0) | ND (<3.0) | (6.5>) ON | ND (<3.0) | ND (<3.0) | ND (<3.0) | ND (<3.0) | (90:0) QN |
| | mg/kg | (<0.05) ON | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | (50.0>) CN | 0.5 |
| ethylbenzene | mg/kg | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | (<0.05) CN | ND (<0.5) |
| xylenes | mg/kg | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) |
| MTBE | ug.'kg | | | | 1 | 1 | | | | ***** |
| | ugikg | | | | 1 | | | 1 | 1 | ***** |
| EDB L | ugikg | | | | | - | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ***** | | |
| lead | mg/kg | 12 | ND (<3.6) | 3.6 | 3.9 | 08 | 4.6 | ND (<2.7) | 94 | 18 |
| | | | | | | | | | | |

Table 2. Analytical Results Truck Loading Rack UST Excavation

| Tger4-BD Under north rack center diesel tank Duplicate | Tiger4-C Under north | Tiger4-D | Tiger4-E | Tinera E | Tipe 1 | Tiger4-H |
|--|-------------------------|--|----------------|---|-------------------------|-----------------------------|
| Under north rack center diesel tank Duplicate | Under north | | | 13014-0 | ນ-+-B | |
| rack center diesel tank Duplicate | Under north | Under south | Under south | Under south rack | Under south rack | |
| desel tank Duplicate | | rack west | rack east | west regular | east regular | Under south |
| Duplicate | rack east | regular leaded | regular leaded | unleaded gasoline | unleaded gasoline | rack off-road |
| | diesel tank | gasoline tank | gasoline tank | tank | tank | diesel tank |
| 15 | 14 | 14 | 14 | 14 | 13 | 14 |
| | | | | | | |
| ND (<3.0) | ND (<3.0) | ND (<100) | ND (<100) | ND (<3.0) | ND (<3.0) | ND (<3.0) |
| 540 | 200 | 8100 | 8200 | 4100 | 810 | 400 |
| ND (<50) | (0\$>) QN | ND (<250) | ND (<250) | ND (<250) | 53 | (05>) QN |
| ND (<3.0) | ND (<3.0) | ND (<0.12) | ND (<3.0) | ND (<3.0) | ND (<3.0) | ND (<3.0) |
| ND (<0.05) | ND (<0.05) | ND (<0.2) | ND (<0 05) | ND (<0.05) | ND (<0.05) | ND (<0.05) |
| (<0.05) CN | ND (<0.05) | 1.4 | 2.3 | 0.3 | ND (<0.05) | ND (<0.05) |
| ND (<0.2) | ND (<0.2) | ND (<0.8) | 4.8 | 0.2 | ND (<0.2) | ND (<0.2) |
| | | de de de de de de | ****** | 10 15-17-17 00-10 | ******* | |
| | | | ******* | | | |
| | | 41-41-41-44-44-44-44-44-44-44-44-44-44-4 | | 111111111111111111111111111111111111111 | | **** |
| 15 | ND (<3.1) | ND (<4.3) | ND (<4.0) | ND (<4.2) | ND (<2.6) | ND (3.8) |
| · Z |) (<0.2) | | ND (<0.2) | ND (<0.2) ND (<0.8) | ND (<0.2) ND (<0.8) 1.8 | ND (<0.2) ND (<0.8) 1.8 0.2 |

| | | | : | Truck | Truck Loading Rack UST Excavation (continued) | JST Excavation | (continued) | | |
|--------------|-------|------------------|-----------------|---------------|---|-----------------------|----------------|------------------|------------------|
| SAMPLES | | Tiger4-ENSW | Tiger4-ESSW | Tiger4-NCW | Tiger4-NSW | Tiger4-SCW | Tiger4-SSW | Tiger4-WNSW | Tiger4-WSSW |
| | | | | South side | | North side | • | | |
| | | East sidewall | East sidewall | excavation by | | excavation by | | West sidewall of | Wes: sidewall of |
| | | of North side of | of South side | truck loading | North sidewall | truck loading | South sidewall | North side of | South side of |
| LOCATION | | loading rack | of loading rack | piping | of excavtion | piping | of excavtion | loading rack | loeding rack |
| Depth (ft) | | 7 | 10 | 8 | 8 | 8 | 8 | 7 | 8 |
| Analytes | units | _ | | | | | | | |
| TPH-G | mg/kg | ND (<3.0) | ND (<3.0) | 530 | ND (<3.0) | ND (<3.0) | (0:5>) QN | ND (<3.0) | ND (<3.0) |
| TPH-D | mg/kg | ND (<25) | ND (<25) | 180 | ND (<25) | 120 | 300 | ND (<25) | ND (<25) |
| TPH-luse | mg/kg | ND (<50) | (05>) QN | ND (<50) | (0\$>) QN | ND (<50) | ND (<50) | ND (<50) | ND (<50) |
| benzene | mg/kg | ND (<3.0) | ND (<3.0) | ND (<3.0) | ND (<2.0) | ND (<3.0) | ND (<5.0) | ND (<3.0) | ND (<3.0) |
| toluene | mg/kg | (<0.05) ON | ND (<0.05) | ND (<0.1) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) | ND (<0.05) |
| ethylbenzene | mg/kg | ND (<0.05) | ND (<0.05) | 0.2 | (<0.05) DN | ND (<0.05) | (<0.0>) QN | ND (<0.05) | ND (<0.05) |
| xylenes | mg/kg | ND (<0.2) | ND (<0.2) | 0.8 | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) | ND (<0.2) |
| MTBE | ugʻkg | ****** | - | ND (<10) | | | | ******* | |
| EDC | ug/kg | 1 | | ND (<10) | | | | | |
| EDB | ug′kg | | | ND (<5) | | | | | **** |
| lead | mg/kg | 25 | ND (<3.9) | ND (<3.3) | ND (3.7) | 17 | ND (<5.3) | 20 | 28 |
| | | | | | | | | | |

APPENDIX A UST DECOMMISSIONING DOCUMENTS

INTERNATIONAL CODE COUNCIL

RICK A WEINGARZ

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

WASHINGTON STATE SITE ASSESSMENT

given this day of August 28, 2003

5037163-U7 Certificate Number

Soft my

raul & Myers President, ICC Board of Directors

James P. Will

James L. Witt ICC Chief Executive Officer



INTERNATIONAL CODE COUNCIL

RICK A WEINGARZ

The International Gode Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Eode Eouncil by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

UST DECOMMISSIONING

given this day of August 29, 2003

Certificate Number

5037163-U2

De R. M.

Paul E Myers President, ICC Board of Directors

James R. Will

James L. Witt ICC Chief Executive Officer





UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

| FOR OFFICE USE ONLY |
|---------------------|
| Site #: |
| Owner #: |

INSTRUCTIONS

When a release has not been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person certified by IFCI or a Washington registered professional engineer who is competent, by means of examination, experience, or education, to perform site assessments. The results of the site check or site assessment must be included with this checklist. This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This information must be signed by the registered site assessor who is responsible for conducting the site check/site assessment.

Underground Storage Tank Section Department of Ecology PO Box 47655 Olympia WA 98504-7655

| SITE INFORMATION | | |
|--|--|------------------|
| Site ID Number (Available from Ecol Site/Business Name: Tisse M | ogy if the tanks are registered): <u>DO9 8</u> | 356 |
| Site Address: 1606 E Y | LOD HILL | Telephone: () |
| Yak | Street WA | 98901 |
| City | State | Zip Code |
| TANK INFORMATION | | |
| Tank ID No. | Tank Capacity | Substance Stored |
| 1-77 | all 20,000 gallon | Sasoline |
| 8 -> 11 | all 20,000 gallon | Diesel |
| 12 | 20,000 sallon | Stad. Solvent |
| | | |
| REASON FOR CONDUCTING SITE | E CHECK/SITE ASSESSMENT | |
| Check one: | | |
| Investigate suspected relea | se due to on-site environmental contamination | on. |
| Investigate suspected relea | se due to off-site environmental contamination | on. |
| | f UST system for more than 12 months. | |
| UST system undergoing ch | ange-in-service. | |
| ✓ UST system permanently c | product | |
| Abandoned tank containing | egated agency for UST system closed before | e 12/22/88. |
| Other (describe): | oguica againe, ioi da i ajarem mada attent | |
| Other (describe). | | |
| | | |

| CHECKLIST | | |
|--|---------|--|
| Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below. | YES | NO |
| 1. The location of the UST site is shown on a vicinity map. | Y | , |
| A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance) | X | |
| 3. A summary of UST system data is provided. (see Section 3.1.) | | x |
| 4. The soils characteristics at the UST site are described. (see Section 5.2) | X | |
| 5. Is there any apparent groundwater in the tank excavation? | | X |
| 6. A brief description of the surrounding land use is provided. (see Section 3.1) | | ¥ |
| 7. Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses. | Υ | |
| 8. A sketch or sketches showing the following items is provided: | | |
| - location and ID number for all field samples collected | X | |
| - groundwater samples distinguished from soil samples (if applicable) | nA | |
| - samples collected from stockpiled excavated soil | | X |
| - tank and piping locations and limits of excavation pit | Χ | |
| - adjacent structures and streets | Y | |
| - approximate locations of any on-site and nearby utilities | | x |
| If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4) | | X |
| 10. A table is provided showing laboratory results for each sample collected including; sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method. | χ | According to the second |
| 11. Any factors that may have compromised the quality of the data or validity of the results are described. | NA | X |
| 12. The results of this site check/site assessment indicate that a confirmed release of a regulated substance has occurred. | У | |
| SITE ASSESSOR INFORMATION Richard Weingard Tetratech EC Person registered with Ecology S Business Address: 12100 11 E 195th Suite 200 Telephone: (125) 482-76 Street WA 98011 City State | 00 | |
| I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. I submitting false information are subject to penalties under Chapter 173.360 WAC. 2 1 - 0 5 Date Rignature of Person Registered with Ecology | Persons | |



UNDERGROUND STORAGE TANK

See back of form for instructions

| | | • | |
|----|-----|--------|--------|
| 30 | DAY | NOTICE |) i |

FOR OFFICE USE ONLY
Site ID #:______
Owner ID #:_____

DEC 0 9 2004 Site Information

| Aite ID Numb (Available from Site/Business | Ecology I | | | registered) Mart | |
|--|-----------|-----|------|---------------------|-----|
| Site Address | _ | Ε. | | Street Hill | |
| City/State | Yakir | na, | Wasi | nington | · . |
| Zip Code | | | Tele | phone () | |

| Owner | Information |
|-------|-------------|
|-------|-------------|

(This form will be returned to this address)

| UST Owner/Operator | Tiger | Oil | Corporation |
|---|-------|---------|----------------|
| Mailing Address | | | |
| | | Steet | |
| | P.O. | Вох | 1489 |
| to an | | P.O. 80 | X |
| City/State 83701 | Bois | 2, I | laho |
| Zip Code | Yels | phone | (208) 342-4641 |

| Tank | Installation (| Company (| (if known). | Fill out this | section Of | NLY if tank | s are being | installed. |
|------|----------------|-----------|-------------|---------------|------------|-------------|-------------|------------|
|------|----------------|-----------|-------------|---------------|------------|-------------|-------------|------------|

| Service Company | | Contact Name | |
|-----------------|-------|--------------|--------------|
| Address | | • | • |
| Street | | P.O. Box | |
| | | • | Telephone () |
| City | State | Zip Code | |

| Tank Permanent Closure Company (if known). Fill out this section ONLY if tanks are being closed. | | | | | | | | |
|--|---|------|--------------|--------------|--|--|--|--|
| Service Company | | | Contact Name | f . | | | | |
| Address | | | P.O. Bax | | | | | |
| City | S | tate | Zip Code | Telephone () | | | | |

Tank Installation **Tank Closure Information** Information Fill out this section ONLY if tanks are being closed. Fill out this acction ONLY # tanks are being installed. la There If No, Date Product in **Projected** Closure Date Tank Tank Was Tonk Substance the Tank Approx. (Yes/No) Instell Date Tank ID Date Capacity Stored Last Used Pumped Tenk (D 20,000 NO 7-01 20,000 NO #**#** ## 20,000 NO 20,000 NÖ 20,000 NO 20,000 NO

To receive this document in an alternative format contact the TOXICS CLEANUP PROGRAM at 1-800-826-7716 (VOICE) OR (360) 407-6006 (TDD). ECY 020-65 (Rev. 3-01)

NO

20.000

ATTACHMENT SHEET TO 30 DAY NOTICE FOR CLOSURE OF USTs at 1606 E. Nob Hill, Yakima. Washington; Site ID # 009856

TANK CLOSURE INFORMATION CONTINUED.... (See WADOE form as first page)



| #8 | Jan. 05 | 20,000 | diesel | app | . 6-01 | NO | 7(| 01 |
|-----|---------|--------|------------|------|--------|----|----|-----|
| #9 | 19 13 | 20,000 | diesel | 17 | f1 | NO | *1 | 7.5 |
| #10 | 17 77 | 20,000 | diesel | 11 - | ** | NO | F# | 77 |
| #11 | 19 19 | 20,000 | diesel | ft | 11 | NO | 77 | 11 |
| #12 | ff 1t | 20,000 | Stod.Solv. | . 11 | 11 | NO | #1 | #1 |
| #13 | 11 11 | 4,000 | misc. | Ħ | †† | NO | 1) | ŧŧ |

END

APPENDIX B

LABORATORY REPORTS



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-A 1/26/05 0730

| DATA RESULTS | | | | | | |
|---|--|---|----------------------------------|--|--------------------------|--|
| ANALYTE | метнор | RESULTS* | units** | ANALYSIS DATE | ANALYSIS BY | |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP | |
| BENZENE TOLUENE ETHYLBENZENE XÝLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) ND(<0.05) ND(<0.2) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP | |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | 750 81 | MG/KG MG/KG | 1/28/05 1/28/05 | DLC | |
| LEAD | EPA-6010 | 33 | MG/KG | 2/8/05 | RAB | |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

LUBE OIL RANGE PRODUCT BIASED HIGH DUE TO DIESEL RANGE PRODUCT OVERLAP

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{* &}quot;ND" INDICATES ANALYZE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

HGER4-B 1/26/05 0740

| | DATA RESUL | TS | | | |
|-----------------------------|------------|-----------|---------|----------|----------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | 0.6 | MG/KG | 1/31/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 520 | MG/KG | 1/28/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| METHYL T-BUTYL ETHER (MTDE) | EPA-8260 | ND(<10) | UG/KG | 2/8/05 | CON |
| 1,2-DICHLOROETHANE (EDC) | EPA-8260 | ND(<10) | UG/KG | 2/8/05 | CCN |
| 1,2-DIBROMOETHANE (EDB) | EPA-8260 | ND(<5) | UG/KG | 2/8/05 | CCN |
| LEAD | EPA-6010 | 11 | MG/KG | 2/8/05 | RAB |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED DIESEL FUEL

VOLATILE RANGE REPORTING LIMIT RAISED DUE TO SEMIVOLATILE PRODUCT INTERFERENCE

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS: GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 60 MG/KG

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



TETRA TECH FW INC. CLIENT:

2/10/05 DATE:

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

3

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-C 1/26/05 0725

| | DATA RESUL | TS | | | |
|--------------------|----------------------|------------------------|----------------|--------------------|------------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE TOLUENE | EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 1/31/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 500 | MG/KG | 1/28/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| LEAD | EPA-6010 | ND(<3.1) | MG/KG | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot;"NO" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

301100

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-NSW 1/26/05 0750

| DATA RESULTS | | | | | | | |
|---|--|---|----------------------------------|--|--------------------------|--|--|
| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY | | |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP | | |
| BENZENE TOLUENE ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) ND(<0.05) ND(<0.2) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP | | |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | ND ND | MG/KG MG/KG | 1/28/05 1/28/05 | DLC DLC | | |
| LEAD | EPA-6010 | ND(<3.7) | мө/кө | 2/8/05 | RAB | | |

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG

LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-SCW 1/26/05 0735

| DATA RESULTS | | | | | |
|---|--|---|----------------------------------|--|--------------------------|
| ANALYTE | метнор | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE TOLUENE ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) ND(<0.05) ND(<0.2) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | . 120 ND | MG/KG MG/KG | 1/28/05 1/28/05 | DLC |
| LEAD | EPA-6010 | 17 | MG/KG | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG



[&]quot;"ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2/10/05

12100 NE 195TH ST., SUITF 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID: CLIENT SAMPLE ID:

TIGER OIL

TIGER4-WNSW 1/26/05 0735

| | DATA RESUL | TS | | | |
|--|----------------------|------------------------|----------------|--------------------|----------------|
| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP |
| TOLUENE ETHYLBENZENE | EPA-8021 EPA-8021 | ND(<0.05) ND(<0.05) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| XYLENES TO A NOT | EPA-8021 NWTPH-DX | ND(<0.2) ND | MG/KG MG/KG | 1/31/05 1/28/05 | LAP DLC |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| LEAD | EPA-6010 | 20 | MG/KG | 2/8/05 | RAB |

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS. GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NF 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED: WDOE ACCREDITATION #:

1/27/05 C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-ENSW 1/26/05 0727

| | DATA RESUL | TS | | | | |
|--------------------|------------|-----------|---------|----------|----------|--|
| | | | | ANALYSIS | ANALYSIS | |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY | |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP | |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP | |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP | |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP | |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 1/31/05 | LAP | |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC | |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC | |
| LEAD | EPA-6010 | ND(<3.9) | мө/кө | 2/8/05 | RAB | |

[&]quot;NO" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ADOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTI IECES OR AS FOLLOWS: GASOLINE(VOLATILÉ RANGE) REPORTING LIMIT IS 3 MG/KG DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

8

WDOE ACCREDITATION #:

DATE RECEIVED:

1/27/05 C142

•

OLILIA OOMINOI

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-BD 1/26/05 0740

| | DATA RESUL | TS | | | |
|--------------------|------------|-----------|---------|----------|----------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 1/31/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 540 | MG/KG | 1/28/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| LEAD | EPA-6010 | 15 | MG/KG | 2/8/05 | RAB |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY WEATHERED DIESEL FUEL VOLATILE RANGE REPORTING LIMIT RAISED DUE TO SEMIVOLATILE PRODUCT INTERFERENCE

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

" UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 30 MG/KG



CLIENT: TETRA TECH FW INC.

2/10/05 DATE:

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #: DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER3-LINE 1/26/05 0810

| | DATA RESUL | DATA RESULTS | | | | |
|-------------------------|----------------------|-----------------------|----------------|--------------------|------------|--|
| | • | | | ANALYSIS | ANALYSIS | |
| ANALYTE | метнор | RESULTS* | UNITS** | DATE | BY | |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP | |
| BENZENE TOLUENE | EPA-8021 EPA-8021 | 0.06 0.5 | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP | |
| ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 | ND(<0.05) ND(<0.2) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP | |
| TPH-DIESEL RANGE | NWTPH-DX | 33 | MG/KG | 1/28/05 | DLC | |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC | |
| LEAD | EPA-6010 | 18 | MG/KG | 2/8/05 | KAB | |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot;"NO" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE:

2/4/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TRIP BLANK 1/26/05 0800

| | DATA RESUL | S | | | |
|--------------------|------------|----------|---------|------------------|----------------|
| | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
| ANALYTE | MEIHOD | KESUL15 | UNITS | DATE | р, |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | UG/L | 2/2/05 | LAP |
| BENZENE | EPA-8021 | ND(<1) | UG/L | 2/2/05 | LAP |
| TOLUENE | EPA-8021 | ND(<1) | UG/L | 2/2/05 | LAP |
| ETHYLBENZENE | EPA-8021 | ND(<1) | UG/L | 2/2/05 | LAP |
| XYLENES | EPA-8021 | ND(<3) | UG/L | 2/2/05 | LAP |

[&]quot;"ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS: GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

11

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-H 1/26/05 1125

| | DATA RESUL | TS | | | |
|--|----------------------|------------------------|----------------|--------------------|------------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE TOLUENE | EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 | ND(<0.05) ND(<0.2) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | 400 ND | MG/KG MG/KG | 1/28/05 1/28/05 | DLC DLC |
| LEAD | EPA-6010 | ND(<3.8) | MG/KG | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot;"NO" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

12

DATE RECEIVED:

WDOE ACCREDITATION #:

1/27/05 C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-G 1/26/05 1200

| | DATA RESUL | TS | | | |
|---|--|---|----------------------------------|--|--------------------------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | МЕТНОО | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE TOLUENE ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) ND(<0.05) ND(<0.2) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | 810 53 | MG/KG MG/KG | 1/28/05 1/28/05 | DLC DLC |
| LEAD | EPA-6010 | ND(<2.δ) | MG/KG | 2/8/05 | RAB |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

LUBE OIL RANGE RESULT BIASED HIGH DUE TO DIESEL RANGE PRODUCT OVERLAP

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG DIESEL RANGE REPORTING LIMIT IS 25 MG/KG

LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG



^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



TETRA TECH FW INC. CLIENT:

2/10/05 DATE:

CCIL JOB #:

12100 NE 195TH ST., SUITE 200

501106

BOTHELL, WA 98011

CCIL SAMPLE #: DATE RECEIVED: 13

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-SSW 1/26/05 1310

| | DATA RESUL | TS | | | |
|--------------------|------------|-----------|---------|----------|----------|
| | | * | | ANALYSIS | ANALYSIS |
| ANALYTE | метноо | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 1/31/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 300 | MG/KG | 1/28/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| LEAD | EPA-6010 | ND(<3.3) | мө/кө | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY HIGHLY WEATHERED

DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

2/10/05 DATE:

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

14

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-ESSW 1/26/05 1140

| ANALYTE | METHOD | RESULTS* | UNITS** | ANALYSIS DATE | ANALYSIS BY |
|---|--|---|----------------------------------|--|--------------------------|
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE TOLUENE ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) ND(<0.05) ND(<0.2) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | ND ND | MG/KG MG/KG | 1/28/05 1/28/05 | DLC DLC |
| LEAD | EPA-6010 · | 25 | MG/KG | 2/8/05 | RVB |

[&]quot;NO" INDICATES ANALYTE ANALYZED FOR DUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS: GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

15

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-E 1/26/05 1445

| | DATA RESUL | TS | | | |
|--------------------|------------|----------|---------|----------|----------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 2/1/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.3) | MG/KG | 1/31/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.5) | MG/KG | 1/31/05 | LAP |
| ETHYLBENZENE | EPA-8021 | 2.3 | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | 1.8 | MG/KG | 1/31/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 8200 | MG/KG | 1/31/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/31/05 | DLC |
| LEAD | EPA-6010 | ND(<4.0) | MG/KG | 2/8/05 | RAB |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL VOLATILE RANGE REPORTING LIMIT RAISED DUE TO SEMIVOLATILE RANGE PRODUCT OVERLAP

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 100 MG/KG

DIESEL RANGE REPORTING LIMIT IS 130 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 250 MG/KG

^{* &}quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE: 2/10/05

12100 NF 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

16

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-F 1/26/05 1355

| | DATA RESUL | TS | | | |
|-------------------------------------|----------------------|------------------------|----------------|--------------------|------------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | метноо | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 2/1/05 | LAP |
| BENZENE TOLUENE | EPA-8021 EPA-8021 | ND(<0.03) ND(<0.05) | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 | 0.3 0.2 | MG/KG MG/KG | 1/31/05 1/31/05 | LAP LAP |
| | | | | 2/1/05 | DLC |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | 4100 ND | MG/KG MG/KG | 2/1/05 2/1/05 | DLC |
| LEAD | EPA-6010 | ND(<4.2) | MG/KG | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL

^{* &}quot;NO" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS: GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 30 MG/KG DIESEL RANGE REPORTING LIMIT IS 130 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 250 MG/KG

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

2/10/05 DATE:

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

17

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-NCW 1/26/05 1450

| | DATA RESUL | TS | | | |
|-----------------------------|------------|-----------|---------|----------|----------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS** | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | 530. | MG/KG | 2/4/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.06) | MG/KG | 2/4/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.1) | MG/KG | 2/4/05 | LAF |
| ETHYLBENZENE | EPA-8021 | 0.2 | MG/KG | 2/4/05 | LAP |
| XYLENES | EPA-8021 | 8.0 | MG/KG | 2/4/05 | LAP |
| TPH-DIESEL RANGE | NWTPH-DX | 180 | MG/KG | 1/28/05 | DLC |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/28/05 | DLC |
| METHYL T-BUTYL ETHER (MTBE) | EPA-8260 | ND(<10) | UG/KG | 2/8/05 | CCN |
| 1,2-DICHLOROETHANE (EDC) | EPA-8260 | ND(<10) | UG/KG | 2/8/05 | CCN |
| 1,2-DIBROMOETHANE (EDB) | EPA-8260 | ND(<5) | UG/KG | 2/8/05 | CCN |
| LEAD | EPA-6010 | ND(<3.3) | MG/KG | 2/8/05 | RAB |

NOTE:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY MINERAL SPIRITS

AND DIESEL FUEL

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 30 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot;"ND" INDICATES ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT, REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC. DATE: 2/10/05

12100 NE 195TH ST., SUITE 200 BOTHELL, WA 98011

CCIL JOB #: CCIL SAMPLE #: 501106

18

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

HGER4-D 1/26/05 1520

| | DATA RESUL | TS | | | | |
|---|--|--|----------------------------------|--|--------------------------|--|
| ANALYTE | METHOD | RESULTS* | units** | ANALYSIS DATE | ANALYSIS BY | |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 2/4/05 | LAP | |
| BENZENE TOLUENE ETHYLBENZENE XYLENES | EPA-8021 EPA-8021 EPA-8021 EPA-8021 | ND(<0.12) ND(<0.2) 1.4 ND(<0.8) | MG/KG MG/KG MG/KG MG/KG | 1/31/05 1/31/05 1/31/05 1/31/05 | LAP LAP LAP LAP | |
| TPH-DIESEL RANGE TPH-LUBE OIL RANGE | NWTPH-DX NWTPH-DX | 6100 ND | MG/KG MG/KG | 2/1/05 2/1/05 | DLC | |
| LEAD | EPA-6010 | ND(<4.3) | MG/KG | 2/8/05 | RAB | |

NOTES:

CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY DIESEL FUEL VOLATILE RANGE REPORTING LIMIT RAISED DUE TO SEMIVOLATILE RANGE PRODUCT OVERLAP

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 100 MG/KG

DIESEL RANGE REPORTING LIMIT IS 130 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 250 MG/KG

Page 1

[&]quot;"ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC. DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

CCIL SAMPLE #:

19

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

CLIENT SAMPLE ID:

TIGER4-WSSW 1/26/05 1530

| | DATA RESUL | TS | | | |
|--------------------|------------|-----------|--------|----------|----------|
| | | | | ANALYSIS | ANALYSIS |
| ANALYTE | METHOD | RESULTS* | UNITS" | DATE | BY |
| TPH-VOLATILE RANGE | NWTPH-GX | ND | MG/KG | 1/31/05 | LAP |
| BENZENE | EPA-8021 | ND(<0.03) | MG/KG | 1/31/05 | LAP |
| TOLUENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| ETHYLBENZENE | EPA-8021 | ND(<0.05) | MG/KG | 1/31/05 | LAP |
| XYLENES | EPA-8021 | ND(<0.2) | MG/KG | 1/31/05 | LAP. |
| TPH-DIESEL RANGE | NWTPH-DX | ND | MG/KG | 1/31/05 | DLC · |
| TPH-LUBE OIL RANGE | NWTPH-DX | ND | MG/KG | 1/31/05 | DLC |
| LEAD | EPA-6010 | 28 | MG/KG | 2/8/05 | RAB |



[&]quot;ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETCOTED AT LEVEL ADOVE REPORTING LIMIT, REPORTING LIMIT IS CIVEN IN PARENTHESES OR AS FOLLOWS: GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG DIESEL RANGE REPORTING LIMIT IS 25 MG/KG LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

[&]quot; UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CLIENT: TETRA TECH FW INC.

DATE. 2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #: 501106

BOTHELL, WA 98011

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

| CCIL SAMPLE ID | ANALYTE | SUR ID | % RECV |
|----------------|------------|------------|--------|
| 501075-01 | NWTPH-GX | TFT | 87 |
| 501075-01 | EPA-8021 | TET | 92 |
| 501075-01 | NWTPH-DX | C25 | 95 |
| 501075-02 | NWTPH-GX | TFT | 95 |
| 501075-02 | EPA-8021 | TFT | 100 |
| 501075-02 | NWTPH-DX | C25 | 105 |
| 501075-02 | EPA-8260 | 1,2-DCE-d4 | 97 |
| 501075-03 | NWTPH-GX | TFT | 84 |
| 501075-03 | EPA-8021 | TFT | 90 |
| 501075-03 | NWTPH-DX | C25 | 91 |
| 501075-04 | NWTPH-GX | TFT | 81 |
| 501075-04 | EPA-8021 | TFT | 86 |
| 501075-04 | NWTPH-DX | C25 | 90 |
| 501075-05 | NWTPH-GX | TFT | 88 |
| 501075-05 | EPA-8021 | TFT | 94 |
| 501075-05 | NWTPH-DX | C25 | 101 |
| 501075-06 | NWTPH-GX | TFT | 86 |
| 501075-06 | EPA-8021 | TFT | 90 |
| 501075-00 | NWTPI-I-DX | C25 | 83 |
| 501075-07 | NWTPH-GX | TFT | 84 |
| 501075-07 | EPA-8021 | TFT | 91 |
| 501075-07 | NWTPH-DX | C25 | 93 |
| 501075-08 | NWTPH-GX | TFT | 95 |
| 501075-08 | EPA-8021 | TFT | 90 |
| 501075-08 | NWTPH-DX | C25 | 92 |
| 501075-09 | NWTPH-GX | TFT | 88 |



CLIENT: TETRA TECH FW INC.

2/10/05 DATE:

12100 NE 195TH ST., SUITE 200

CCIL JOB #: 501106

BOTHELL, WA 98011

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

| | QUALITY CON | TROL RESULTS | |
|-----------|--------------|---------------|-----|
| | | The same form | 98 |
| 501075-09 | EPA-8021 | TFT | 97 |
| 501075-09 | NWTPH-DX | C25 | 97 |
| 501075-10 | NWTPH-GX | TFT | 101 |
| 501075-10 | EPA-8021 | TFT | 104 |
| 301013-10 | | | |
| 501075-11 | NWTPH GX | TFT | 87 |
| 501075-11 | EPA-8021 | TFT | 84 |
| 501075-11 | NWTPH-DX | C25 | 92 |
| 501075-12 | NWTPH-GX | TFT · | 89 |
| 501075-12 | EPA-8021 | TFT | 86 |
| 501075-12 | NWTPH-DX | C25 | 96 |
| 501075-12 | 14041(1)-422 | | |
| 501075-13 | NWTPH-GX | TFT | 98 |
| 501075-13 | EPA-8021 | T = | 103 |
| 501075-13 | NWTPH-DX | C25 | 90 |
| 001010-10 | ,,,,,,, | | |
| 501075-14 | NWTPH=GX | TFT | 84 |
| 501075-14 | EPA-8021 | TFT | 82 |
| 501075-14 | NWTPH-DX | C25 | 87 |
| | | | * |
| 501075-15 | NWTPH-GX | TFT | * |
| 501075-15 | EPA-8021 | TFT | |
| 501075-15 | NWTPH-DX | C25 | 75 |
| 501075-16 | NWTPH-GX | TFT | * |
| 501075-16 | EPA-8021 | TFT | 103 |
| 501075-16 | NWTPH-DX | C25 | 70 |
| 001010-10 | | | |
| 501075-17 | NWTPH-GX | TFT | * |
| 501075-17 | EPA-8021 | TFT | 97 |
| 501075-17 | NWTPH-DX | C25 | 86 |
| 501075-17 | EPA-8260 | 1,2-DCE-d4 | 102 |
| | | | |
| 501075-18 | NWTPH-GX | TFT | * |
| 501075-18 | EPA-8021 | TFT | 74 |
| 501075-18 | NWTPH-DX | C25 | 85 |
| | | | |



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

DATE RECEIVED:

107105

WDOE ACCREDITATION #:

1/27/05 C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

| | QUALITY CONT | ROL RESULTS | |
|------------------------|--------------|-------------|----|
| | NWTPH-GX | TFT | 90 |
| 501075-19 501075-19 | EPA-8021 | TFT | 95 |
| 501075-19 | NWTPH-DX | C25 | 85 |

BLANK AND DUPLICATE RESULTS

| METHOD | BLK RESULT | ASSOC SMPLS |
|---------------------|------------|---------------------------|
| | | |
| NWTPH-GX (GAS) | ND(<3) | 501106-1 TO 09, 11 TO 19 |
| EPA-8021(BENZENE) | ND(<0.03) | 501106-1 TO 09, 11 TO 19 |
| EPA-8021(TOLUENE) | ND(<0.05) | 501106-1 TO 09, 11 TO 19 |
| EPA-8021(ETHYLBENZ) | ND(<0.05) | 501106-1 TO 09, 11 TO 19 |
| EPA-8021(XYLENE) | ND(<0.2) | 501106-1 TO 09, 11 TO 19 |
| NWTPH-GX (GAS) | ND(<50) | 501106-10 |
| EPA-8021(BENZENE) | ND(<1) | 501106-10 |
| EPA-8021(TOLUENE) | ND(<1) | 501106-10 |
| EPA-8021(ETHYLBENZ) | ND(<1) | 501.106-10 |
| EPA-8021(XYLENE) | ND(<3) | 501106-10 |
| NWTPH-DX (DSL) | ND(<25) | 501106-1 TO 09, 11 TO 19 |
| NWTPH-DX (OIL) | ND(<50) | 501106-1 TO 09, 11 TO 19 |
| EPA-8260 (MTBE) | ND(<10) | 501100-02, 17 |
| EPA-8260 (EDC) | ND(<10) | 501106-02, 17 |
| EPA-8260 (EDB) | ND(<5) | 501106-02, 17 |
| EPA-6010 (PB) | ND(<0.72) | 501106-01 TO 09, 11 TO 19 |
| · · | | |

SPIKE/ SPIKE DUPLICATE RESULTS

| | | ASSOCIATED | % SPIKE | % SPIKE DUP | |
|----------|--------------|--------------------------|----------|-------------|------------|
| METHOD | SPIKE ID | SAMPLES | RECOVERY | RECOVERY | REL % DIFF |
| NWTPH-GX | GASOLINE | 501106-1 TO 09, 11 TO 19 | 79 | 77 | 3 |
| EPA-8021 | BENZENE | 501106-1 TO 09, 11 TO 19 | 107 | 108 | 1 |
| EPA-8021 | TOLUENE | 501106-1 TO 09, 11 TO 19 | 108 | 109 | 1 |
| EPA-8021 | ETHYLBENZENE | 501106-1 TO 09, 11 TO 19 | 108 | 108 | 0 |
| EPA-8021 | XYLENE | 501106-1 TO 09, 11 TO 19 | 109 | 109 | 0 |
| NWTPH-GX | GASOLINE | 501106-10 | 101 | 101 | 0 |
| EPA-8021 | BENZENE | 501106-10 | 110 | 111 | 1 |



CLIENT: TETRA TECH FW INC.

DATE:

2/10/05

12100 NE 195TH ST., SUITE 200

CCIL JOB #:

501106

BOTHELL, WA 98011

DATE RECEIVED:

1/27/05

WDOE ACCREDITATION #:

C142

CLIENT CONTACT: CHRIS GENEROUS

CLIENT PROJECT ID:

TIGER OIL

| | | QUALITY CONTROL RES | SULTS | | |
|---------------|-----------------|---------------------------|-------|-----|---|
| EPA-8021 | TOLUENE | 501106-10 | 110 | 111 | 1 |
| EPA-8021 | ETHYLBENZENE | 501106-10 | 109 | 110 | 1 |
| EPA-8021 | XYLENE | 501106-10 | 110 | 111 | 1 |
| NWTPH-DX | DIESEL | 501106-1 TO 09, 11 TO 19 | 88 | 90 | 2 |
| EPA-8260 | TRICHLOROETHENE | 501106-02, 17 | 110 | 107 | 3 |
| EPA-6010 (PB) | LEAD | 501106-01 TO 09, 11 TO 19 | 97 | 99 | 2 |

^{*} SURROGATE DILUTED OUT OF CALIBRATION RANGE

| 5 | 10. | به اسار | œ | انسا | ! | ; ا ا ست | k | ب اید | | , | | ADDRESS | NEW | NOIC SIOV | O N | PHONE | | ADDRESS: | PROJECT MANAGER: | ON PASS | DIT O | | П | |
|----------------------|----------------------|--|--------------|-------------|------------------------|--------------------|--------------|--------------|----------|------------|-----------------|---------------|------------|---|-----------------------------|----------|-------|--|---------------------|----------------------------|----------------|---------------------------------|---|------------------|
| SECIAL INISTRUCTIONS | 0 | mssm - h | ラーフ | 100 - 15 CM | Tiga ()- 1- | 3-11-8 | Tice 4- ESSW | Tigger U-SSW | Magr41-6 | Tags 41-17 | SAMPLE I.D. | <u>:SS:</u> | ATTENTION: | N/OICE TO | PO. NUMBER: | | X | iss: / DO DA | OT SER: | REPORT TO COMPANY: | PROJECT ID: | 200 | Everett, WA 98208 Phone (425) 356-2 (206) 292-9 | 8620 Holly Drive |
| | , | # | | | | | | | | 1-2100 | DATE | | | , | T. | FAX: | | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 0 | | | 356-2626 Fax www.ccilabs.com | 98208 356-2600 292-9059 Seattle | |
| | | | | | | | | | ē. | | | | | | E-MAIL: | × | | | | | | com | Ē. | |
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| | | | | | | | | | | | NWTP | H-HCI | D | <u> </u> | 1 | <u> </u> | | | | J | Ą | | _aboratory Analysis Req | |
| | | ~ | >~< | ·× | * | < | ~ | -,-< | _< | × | NWTP | | | | | | | | | | ANALYSIS | | ਂ ਉ | |
| | | × | | × | × | × | \times | X | * | × -⁄ | NWTP BTEX | | | | | | | | | | SR | | YA | į. |
| | - | + | | × | $\stackrel{\frown}{=}$ | X | × | | <u>/</u> | - | MTBE | | | | EPA- | 8260 | | - Ho | 17 | | 18 | | nal | _ |
| | | | <u> </u> | | | | | | | | Halog | | | | | | | | | | REQUESTED | | ysi | |
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*Turnaround request less than standar

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PRCJECT MANAGER: COMPANY: CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions. P.O. 'NUMBER:
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[5] [3] [1] [SAME] Volatile Organic Compounds by EPA 8260 Œ 栏 Ethylene dibromide (EDB) by EPA-8260 EPA-504.1 へらく 1,2 Dichloroethene (EDC) by EPA-8260 ယ Semivolatile Organic Compounds by EPA 8270 N Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIM 🗌 Meinenz TURNAROUND REQUESTED in Business Days* PCB Pesticides by EPA 8081/8082 Date Metals-MTCA-5 ☐ RCRA-8 ☐ Pri Pol ☐ TAL ☐ DAY AND Metals Other (Specify) から 17. TCLP-Metals ☐ VOA ☐ Semi-Vol ☐ Pest ☐ Herbs ☐ Turnaround request less than standa OTHER (Specify) ⅍ 500 Specify e-255-9969 10 Job# (Laboratory Use Only) \mathcal{Q} incur Rush Charges NUMBER OF CONTAINERS HECEIVED IN GOOD CONDITION?

REPORT COPY



UNDERGROUND STORAGE TANK
Sure and Site Assessment Notice

| 98 | 50 |
|--------------------|----------------------|
| F5# 528 | |
| FOR OFFICE USE ONL | Υ |
| Site ID #: | |
| Owner ID #: | hari kali deng dan d |

C- Yakıma

See back of form for instructions

| Please ✓ the appropriate box(es) D Temporary Tank Closure, D Change-In-Service | ☑ Permanent Tank Closure ☑ Site Check/Site Assessment |
|---|--|
| a remporary rank olooure a onange-in-dervice | MATERIAL FAIR CIOSULE UP SILE CHECK/SILE ASSESSMENT |
| Site Information | Owner Information |
| Site ID Number 009856 (Available from Ecology if the tanks are registered) | UST Owner/Operator Tiger Oil Corporation |
| Site/Business Name Tiger Mort Street | Mailing Address |
| Site Address 1606 E. Nob Hill Blue | P. O. Box 1489 |
| city/State Yakıma, WA | City/State Boise 1D P.O. Box |
| Zip Code 9 890 \ Telephone () | Zip Code 8 3701 Telephone (206) 343.4641 |
| Owners Signature TIGER OIL CORPORATION | BY Jan O. Company Desidan |
| Tank Closure/Chan | ge-In-Service Company |
| Service Company Tri- Valley Construction in | |
| | Decommissioning Certification No. <u>5037163</u> つこ |
| Supervisor's Signature | Date 2/11/05 |
| Address 12100 NE TUST STreet S | ute 200 |
| Street Buttell WA | P.O. Box 9801 Telephone (504) 255-99 69 |
| City State | Zip Code |
| | |
| | Site Assessor |
| Certified Site Assessor Kichard Weingard Address 12100 h & 195th Street | C 1. 722 |
| Street | Suk 200 P.O. Box |
| Bottell WA | 98011 Telephone 601) 255- 9969 |
| City State | Zip Code |
| Tank Information | Contamination Present at the Time of Closure |
| | k Capacity Substance Stored 🕍 🛭 🗎 |
| | 20,000 (7050)\rightarrow Yes No Unknown Check unknown if no obvious |
| | 20,000 Diesel contamination was observed and sample results have not |
| | yet been received from analytical lab. |
| | Yes No |
| | Yes No If contamination is present, |
| | has the release been reported to the appropriate regional |

To receive this document in an alternative format, contact the TOXICS CLEANUP PROGRAM at 1-800-833-6388 (VOICE) OR 711 (TTY). ECY 020-94 (Rev. 6-99)

office?



STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 · Olympia, Washington 98504-7600 · (360) 407-6000 · TDD Only (Hearing Impaired) (360) 407-6006

| Date: Ward | 30,000 |
|-----------------------------------|--|
| Jan Oil (P.D. Box 1 Boise ID | 100 459 83701 |
| We received information: | that indicates underground storage tank(s) at the following site have been closed: |
| | |
| Site Address: | 1606 E NAB HULBINA, YAKMON WA Tank(s) 1-12 |
| Site #985 | $\int_{\mathcal{O}} Tank(s) = \frac{1 - 12}{2}$ |
| | |
| To avoid paying the ann Ecology. | ual tank fee, the following missing information still needs to be submitted to |
| 200.083 | Closure and Site Assessment Notice |
| | Site Check/Site Assessment Checklist |
| | One copy of Site Assessment Report, or if |
| | contamination is found, a Site Assessment Characterization Report |
| Disease notion them to: | Contamination is seeme, a contraction contamination is seeme, a contraction contamination is seemed, a contraction contamination is seemed, a contraction contamination is seemed, a contraction contr |
| Please return them to: | |
| J I | Washington State Department of Ecology Underground Storage Tank Unit PO Box 47655 Olympia, WA 98504-7665 |
| Thank you for your coop | eration. If you have any questions, please call me at (360) 407-7206. |
| | |
| Sincerely, | |
| Tara Davis Toxics Cleanup Program | |