Attachment # 2: Assessment of Whatcom Creek Incident Emergency Response Activities - March 22, 2001 letter from Mr. Bobby J. Talley, District Manager – OPL.

OPL Bellingham, WA June 10, 1999 DCA99-MP008





OLYMPIC PIPE LINE COMPANY 2319 LIND AVE. S.W. P.O. BOX 1800 RENTON, WASHINGTON 98057 (425) 235-7736

March 22, 2001

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Tom Lasseigne National Transportation Safety Board 490 L'Enfant Plaza East, SW Washington DC 20594-0003

RE: DCA-99-MP-008

Dear Mr. Lasseigne:

In response to the letter from your office dated December 22, 2000 and in an effort to further our cooperation with the National Transportation Safety Board in your investigation of the June 10 1999 pipeline incident on Olympic's 16" pipeline in the City of Bellingham, Washington.

(1) Please describe any review or assessment Olympic Pipe Line Company has conducted of its spill emergency response activities and planning since this accident. What worked well in this emergency in regards to solving problems with communications, response, manpower, apparatus, resources? Were there any problems encountered during the emergency response phase?

Please see the attached document entitled "Assessment of Whatcom Creek Incident Emergency Response Activities."

(2) Please identify any joint training exercises Olympic Pipe Line company held with public response agencies 3 years prior to this accident to test the effectiveness of its spill response contingency plans.

The following lists the tabletop drills that were conducted 3 years prior to the accident on June 10, 1999:

May 7, 1997

Scenario - A landslide on the north side of the Nisqually River stressed the 14" pipeline causing a crack in the weld, which resulting in a release of high sulfur diesel into the Nisqually River. The attached report details the agencies participating in the exercise.

<u>September 9, 1998</u>

Scenario - A rupture in the pipeline under the Nooksack River causing a 5500 bbl diesel release. The attached Evaluation Report details the Drill Design Team and conclusions and recommendations from the participating agencies.

April 7, 1999

Scenario – A mechanical failure of the injection pump causing an 8 bbl transmix release into Springbrook Creek. The Department of Ecology Evaluation Checklist is attached.

(3) Please identify any change(s) to Olympic Pipe Line Company's spill response plan as a result of this accident.

After the June 10, 1999 accident RSPA re-examined Olympics' plan for adequacy. The examination identified deficiencies and Olympic was given 90 days to amend the plan. The plan was amended as requested by RSPA, and all revisions were accepted. Attached are copies of correspondence pertaining to these revisions.

If you have any further questions, please contact me at (425) 235-7738

Sincerely,

Bobby J. Tallev **District Manager**

cc: Chris Hoidal, OPS

OLYMPIC PIPE LINE COMPANY

Assessment of Whatcom Creek Incident Emergency Response Activities For Submission to the National Transportation Safety Board

March 21, 2001

The following report is a review of the emergency response activities of Olympic Pipe Line Company following the Whatcom Creek incident of June 10, 1999. This report reviews Olympic's:

- Initial assessment and evaluation of the incident;
- Mobilization of resources to respond;
- Response strategy;
- Response resources;
- Response effectiveness;
- Command structure;
- Measurement of oil spilled or recovered; and
- Governmental relations

1. Assessment/Evaluation.

• Was the magnitude of the problem assessed correctly at the start?

The initial reports from the site describing the size of the fire made it evident from the start that this was a major release. The original maximum release volume estimate made at 5:30 p.m. on June 10, 1999 was calculated to be 6,598 BBLS. The final release volume based upon measurement of the remaining product was 5,638 BBLS. Therefore, the original maximum estimate was an overestimate of 17%.

• What means were used for this assessment?

Field reports to the Control Center by Rick Kiene, immediate news reports from local news agencies, and overflight communications from Rudy Hilstrom of Hillcrest Aviation provided visual confirmation of the fire and leak location. The maximum release volume estimate was calculated based upon the volume pumped after the rupture, and drain down volumes of the pipe sections upstream and downstream of the release site. A special patrol report prepared by Hillcrest Aviation, and copies of the original and final release volume estimates are contained herein. [See Attachment A].

• Are any guides or aids needed to assist spill evaluation?

A television in the Command Center that could monitor news reports would have been helpful. News helicopters were transmitting live footage early on, and it would have helped to see the news coverage for whatever additional information it may have provided.

• What sources of information were available on winds and on water currents?

Local wind and weather information was obtained through the web site <u>www.wunderground.com</u>. Stream flow information for Whatcom Creek is found in the OPL Geographic Response Plan Section 1.1.3. Information on tides, which affects the outflow from Whatcom Creek into Bellingham Bay, was provided by the Clean Sound Cooperative contact.

• Was adequate information available on oil properties?

A copy of the Material Safety Data Sheet (MSDS) for ARCO Unleaded Gasoline, which was the product released are contained herein. [See Attachment B]. A MSDS was on file at OPL, and appears to have been faxed to the Incident Command in Bellingham at 05:59 on the morning of 6/11/99.

• Was this information useful (and used) for spill trajectory forecasts? Were such forecasts realistic?

The weather information and the MSDS were not particularly useful in forecasting spill trajectory. The tide information was useful in determining when product would be predicted to flow from the creek into the harbor, but no free product ever made it to that location.

• Was additional information needed relative to changes of oil properties with time (i.e. as a result of weathering and other processes)?

No additional information was needed for tracking of the spill. Exposure to Benzene was considered a risk to personnel, and a copy of the applicable section from the Hazardous Substances Data Bank at <u>www.tomescps.com</u> was attached to the MSDS in the Incident Action Plan.

2. Mobilization.

• What steps were taken to mobilize oil spill countermeasures?

Key OPL personnel from Renton were flown to the City of Bellingham Incident Command Site by helicopter almost immediately. Equilon Response Team members were able to take a corporate jet directly to the Bellingham airport, and were on site within hours.

Personnel remaining at the Olympic Command Center in Renton dispatched personnel and resources as requested from the field. Olympic field personnel moved trailers with sorbent materials and boom to Bellingham from Renton and Allen Stations. Pockets of product in Whatcom Creek near Iowa St., and in the vaults at the City Water Treatment Plant were removed by vacuum truck the morning of June 11, 1999.

Clean Sound was contacted and was requested to deploy boom at the mouth of Whatcom Creek where the creek enters the harbor and Bellingham Bay. Clean Sound had a response vessel in the harbor and quickly installed the boom. Clean Sound also communicated with Coast Guard officials at the harbor.

• What resources were used?

Resources Summary documents for the periods of $17:00\ 6/10/99$ to $24:00\ 6/10/99$, $01:00\ 6/11/99$ to $24:00\ 6/11/99$, $01:00\ 6/12/99$ to $24:00\ 6/13/99$ to $24:00\ 6/13/99$ taken from the 6/13/99 Incident Action Plan (IAP) are included herein. [See Attachment C].

• Was mobilization prompt?

Mobilization of management and resources began immediately.

• Could it have been speeded up or should it have been?

The fastest methods of transportation (helicopter and corporate jet) available were used to quickly integrate with agency personnel and commence the response.

• What about mobilization of manpower resources?

Cleanup manpower was not critical at the beginning of the response, but was readily available through ETI, Western Refinery Services, and Glacier Environmental. Critical manpower resources at the outset of the response were security personnel to prevent entrance into the burn area (provided by local police forces and Whatcom Security), fire fighting personnel (from the City of Bellingham and forest crews from the Washington Department of Natural Resources), and search and rescue personnel (local government responders).

• Was the local oil spill cooperative utilized appropriately?

Clean Sound was used to defend the harbor and Bellingham Bay from product that might make its way down the creek that far. Clean Sound has a 42' spill response vessel, along with boom and other resources stationed at the harbor, therefore the response was immediate.

Clean Sound and MSRC management representatives were also used in the command center to provide expert information on response, clean up and disposal issues.

• How could this be improved?

No needs for improvement are known.

• Was it appropriate to mobilize Olympic resources and was this promptly initiated?

OPL personnel and response trailers from Renton and Allen Stations were immediately dispatched to the scene, and utilized for cleanup activities.

• What other corporate resources are available and have they been identified and used adequately?

Corporate response team members and technical experts on wildlife and remediation from Equilon in Houston, were utilized extensively. A safety representative from the Equilon refinery in Anacortes was also brought in for the duration of the response to help with site safety.

3. **Response Strategy.**

• Is there an adequate spill response plan for the location?

The Olympic OPA-90 spill response plan was used as the basis for response to this incident. The Table of Contents for this plan is contained herein. [See Attachment D]. Olympic also utilized its Northern Washington Geographic Response Plan (GRP), which contains specific response strategies for Whatcom Creek on page 1-44 through 1-46 (also included in Attachment D).

The Northwest Area GRP contains booming strategy B-31, on page 4-18, for booming off Whatcom Creek at the harbor mouth. This strategy was used with success by Clean Sound.

• Is it flexible enough to cope with unexpected spill events?

Yes, this plan is based upon a NIIMS- ICS organizational structure that has been adopted by the State of Washington, and is used in many different types of incidents. This ICS structure is used because it does give flexibility to adapt to specifics of the event while standardizing on the command structure.

The Olympic GRP contains 5 booming strategies that can be used depending on the situation. They include strategies for response on the fast flowing creek upstream, a strategy for booming in slow deep water, two strategies in the tidal influenced zone, and the strategy for booming where the creek enters the harbor. This GRP also has a specific discussion on the hazards of response to a Gasoline spill on page 1-45.

• Does the plan include clear understanding of local environmental sensitivities.

The GRP has a listing of socioeconomic resources specific to Whatcom Creek on page 1-46, and has local area wildlife protection information available in Section 1.2

• What was the initial strategy for response to this spill?

Once the leak was known, the operations controllers began isolating the leak by closing in valves on the system. Notifications to agencies and responders also began immediately.

Since this was a gasoline spill that had ignited, protection of life was the primary concern. Of primary concern was to isolate the site with security resources, then when safe perform search and rescue within the site.

Another focus of the initial response was to track downstream impacts, and secure the mouth of the creek at the harbor with boom.

• Is this strategy defined within the spill response plan?

These strategies are found in the Olympic Response Plan Section 6.0 and GRP pages 1-44 through 1-46.

The strategy for securing the creek at the harbor mouth can also be found in Northwest Area GRP B-31

How did the strategy evolve throughout the spill and how were these changes implemented?

Major response activities that followed the initial response included:

- 1) Mop-up of remaining product in the creeks and in vaults at the water treatment plant using sorbents and vacuum trucks.
- 2) Assess contamination remaining in soils along creek shorelines and at the water treatment plant.
- 3) Direct excavation of contaminated soils in Hannah Creek and at the water treatment plant.
- 4) Flushing and sediment washing in Whatcom Creek.
- 5) Containment and control of contaminated water movement toward Whatcom Creek by installing vertical recovery and monitoring wells, and a horizontal interception well.
- 6) Vapor extraction and thermal incineration of vapor from remediation system wells.
- What caused such changes?

The Unified Command guided the progression of activities, with Olympic acting to implement the work as the Responsible Party (RP).

Experts in the various remediation techniques were hired by Olympic to perform field assessments, prepare plans, secure input from government agencies, and follow implementation.

• Are there improvements needed? More training?

The response was very successful, and no improvements or training are recommended as lessons learned from this response. Dick Logan, chairman of the states Natural Resources Damage Assessment Committee, told the Bellingham Herald on July 13, 1999 that cooperation between Olympic and the joint committee of local tribal, state and federal officials was the best he has seen in the 10-year history of the committee. On September 7, 1999 the Herald called for " a standing ovation ... for the team of environmental experts who have, in just a few months, turned a contaminated disaster area back into a recovering wildlife habitat."

4. Response Resources.

• What resources were mobilized?

Initial response resources included a helicopter, Spill Trailer with equipment taken from the Olympic Renton and Allen Stations, Clean Sound, the Equilon Regional Response Team, local fire and police responders, and several spill cleanup & consulting contractors. Attachment C also contains listings from the Initial Action Plans of resources on-scene for the first 3 days of the response.

• How were they mobilized?

Calls were made from the command center in Renton early in the response, then when the Bellingham command center at the County building was set up a logistics team was formed at that location.

• How did resource utilization change with time? Why?

The initial response utilized public emergency responders to control the site, contain the fire, and perform search and rescue. Olympic took over security and site control responsibilities when the emergency conditions were abated, and transitioned from an emergency response to a cleanup effort.

• Were resources used effectively?

The Unified Command was established very quickly, and direction from the Unified Command on resource use was very effective through use of Incident Action Plans.

Contractors

Contractors were used extensively for repairs, clean up activities, health and safety, and security. They were effective in bringing the required expertise to the activity.

- Governmental agencies

Government agencies were effective in the initial emergency response. The fire fighting, and tree cutting crew provided by Washington State DNR was extremely effective in controlling the fire in the early hours of the response.

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> Company resources

Company resources were effective in organizing the spill response, initial creek cleanup activities, planning, cost control, and engineering of repairs and cleanup systems.

Cooperatives

Clean Sound responded quickly to the request to boom the creek at the harbor. Clean Sound and MSRC were very useful to the Planning Group in consulting on cleanup issues.

➢ Volunteers.

Volunteers were used to help remove debris downstream of the burn area prior to creek flushing, and to weed stream banks allowing native vegetation to better propagate.

- Consultants

Some of the consultants used effectively during this response and cleanup were:

- □ Interfluve Creek restoration and cleanup;
- GeoEngineers Remediation systems design, including the horizontal interception well;

Dames & Moore – Waste disposal and quantification

ESIS – Accounting

• What changes would have been useful?

Better accounting and cost control for City government resources. Very little backup documentation was available from the City for everything except Public Works.

Do we have adequate knowledge of resource availability?

All resource needs were met in a timely manner.

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5. Response Effectiveness.

• Was containment effective and prompt?

Most of the Gasoline was consumed in the fire.

The boom provided by Clean Sound was effective in that by getting it installed immediately, and having no free product reach that site, we are sure that no free product reached the harbor and Bellingham Bay.

The vertical and horizontal interception wells effectively stopped product migration toward the creek.

• *How could it have been improved?*

No improvement needs in this area are known.

• Should the location or local cooperative have additional resources for containment?

Clean Sound resources were already stationed in the harbor, and met the needs immediately. Other containment resources were readily available through Clean Sound, MSRC, Contractors in the area, Transmountain Pipeline Co., and in Olympic spill trailers.

• Was recovery effective and prompt?

Most of the Gasoline product was consumed in the fire.

Clean up activities and creek flushing occurred quickly and effectively enough to allow normal Salmon migration into Whatcom Creek to take place in the fall.

• *How could it have been improved?*

No improvement needs in this area are known.

• Should the location or local cooperative have additional resources for recovery of spilled oil?

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. Additional resources would not have improved the response in this case.

6. Command Structure.

• Who was initially in charge of spill response?

Frank Hopf, Vice President and Manager of Olympic Pipe Line Company, was the initial incident commander for Olympic. Bruce Johnson of the Equilon Regional Response Team took over when he arrived.

The initial Federal On-scene commander was Thor Cutler of the EPA, and the State Onscene Commander was Paul O'Brian of DOE.

• What sort of organization was initially set up?

A command center for Olympic was initially set up at the Olympic Renton office to handle notifications and initial response activities. As soon as a helicopter could be obtained, Frank Hopf and several key Olympic personnel flew by helicopter to the City command center in Bellingham, where they integrated into a Unified Command with Government response agencies.

• How did this change with time? Why?

By June 13 the organization was well developed into a clean up response team, organized in a NIIMS ICS format consistent with Olympic's response plan organization. An organization chart for June 13, 1999 taken from the Incident Action Plan is included herein. [See Attachment E].

• What changes would have been useful?

The organization was appropriate for the response.

• Was there adequate surveillance?

Yes, Section Chiefs were able to control their areas closely, and report conditions back to the Unified Command twice daily at the morning planning meeting, and afternoon operations briefing.

• Should there be any changes?

No changes are recommended.

• Were communications adequate?

Use of Nextel Unicator radio/phones worked well at this location for field communications. Communications with the command center were difficult because the command center was in the basement of the County building where the Nextel phone signals could not penetrate. The command center had phones, but it was difficult for incoming callers to reach the person they were looking for.

• What improvements are needed (i.e. hardware, procedures, etc.)?

Phone system improvements in the control center such as a central telephone operator with intercom paging or immediate message delivery ability.

• Was support from financial services adequate? Prompt?

Financial support was slow in getting set up due to lack of personnel with accounting systems knowledge. A contract accounting support firm (ESIS), with expertise in setting up accounting systems for insurance carriers in disaster situations was brought in on June 17, 1999, and provided excellent financial tracking and payment services.

• Should there be any changes?

Bring ESIS or a similar company in right away.

More OPL input on invoice coding (to appropriate job accounts) would make financial reports more meaningful.

• Is more planning needed?

ESIS' existing system worked well.

• Should financial procedures be developed to handle such incidents?

Guidance on account breakdown that is meaningful to, and required by, insurance providers would be helpful in setting up accounts. Example: Property and Casualty losses are paid by different insurers; therefore the accounting system should be set up to track accordingly.

7. Measurement.

• Was there adequate measurement or estimation of the volume of oil spilled?

The initial worst-case spill estimate of 6,598 BBLS was made at 5:30 p.m. on June 10, 1999. A copy of this estimate can be found in Attachment A.

The final loss calculation (also in Attachment A), made after measuring the remaining product displaced from the line, showed a total release of 5,638 had occurred.

• Was there adequate measurement or estimation of the volume of oil recovered?

Dames and Moore was contracted to provide documentation of all product recovered, both in liquid and in earth excavated from the site. A copy of the Dames and Moore detail tracking spreadsheet is contained herein. [See Attachment F]. This spreadsheet shows that as of October 7, 1999, a total of 16,717 gallons of gasoline were recovered.

• Should better measurement procedures be developed for either phase of operations?

Measurements were detailed and thorough. No additional procedures are recommended.

• If so, what would be appropriate and acceptable?

Not applicable.

- 8. Governmental Relations.
- What are the roles and effects of the various governmental agencies involved?
 - U.S. EPA Federal On-scene Commander, acting under authority of the National Contingency Plan.
 - Washington State Department of Ecology State On-scene Commander, represents State and Local agencies. Enforces State requirements for spill response and cleanup criteria.
 - City of Bellingham Fire Department Local lead agency for emergency response.

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- Whatcom County Emergency Management County wide emergency planning and preparedness.
- ▶ U.S. DOT OPS / NTSB Agencies performing accident investigations.
- Was there a single focal point among the governmental agencies for contact?

A single individual was designated as the FOSC or SOSC at any given time. The extent of this response required that several individuals share the role to allow for relief and other agency work to continue. Transitions between individuals did not cause any undue difficulties.

• Should there have been better focus of communications to the agencies?

Communications with the agencies was not a problem. The centralized command center, with all of the Unified Command personnel in one place allowed for good communications.

• Were governmental agencies adequately informed at all stages?

Very detailed Incident Action Plans were prepared and approved by each of the government agency representatives daily. Planning meetings, where the Section Chiefs present job status and propose activities for the next day, were held daily with the government agency representatives in attendance.

• Were too many agencies involved?

There did not seem to be any unnecessary agency involvement.

• Are any changes needed in procedures to manage governmental relations?

Using the NIIMS ICS structure allowed the response to be executed smoothly, with everyone knowing what to expect from each position. No changes are recommended.

• Was there adequate agreement with the governmental agencies on criteria for cleanup?

The FOSC declared that the Federal clean up criteria had been met at the appropriated time. The State DOE has mandated a very strict cleanup standard (MOTCA Level A) which Olympic has yet to agree is appropriate for ending Insitu Remediation (Vapor Extraction and Groundwater Treatment) at the water treatment plant. Also, the Groundwater Treatment System, which discharges to the City sewage treatment system, must treat the water to drinking water standards before discharge per the DOE permit.

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• How was this agreement developed?

The State DOE criteria have not been agreed to. Clean up efforts are ongoing and expected to continue for several years.

• Should there be advance planning of criteria for cleanup aimed at specific local environmentally sensitive areas?

State law sets cleanup standards based upon criteria that include proximity to environmentally sensitive areas. Review and potentially a challenge of these State criteria with respect to practical cleanup levels for current technology may be required in order to achieve completion of cleanup.

Attachment 2A. Calculations for Product Loss, OPL-Renton Command

OPL Bellingham, WA June 10, 1999 DCA99-MP008

6/10/99 Thursday 1730 Reaton Command Calculations for freduct loss Maximum Product AREO - Gosoline (53) Unleaded Regular - Operations Controller pumped from restart to shutdown 1890 bbls. Hill N. of Whotom Creek to Whation Creek Appex 7,500 - 5290 - 1.42 miles × 1212. bbls/mi = 1722 bbls. Whatcon Creck to S. Hill Approx. 13,000 + 5-80 = 2,462 miles × 12/2 bbls/mi = 2986 bbls . 1890 pumped 1722 N. drain 2986 S. drain 6598 bbls. drain dry 2986 87 clev wholeon Cork, FE Sta. nlik Mov ACB 0002849 CONFIDENTIAL DO NOT COPY PLA 000012 OPL 1131976 19

Attachment 2B. Special Patrol Report, Hillcrest Aviation

OPL Bellingham, WA June 10, 1999 DCA99-MP008 Patrol No. # 030-99

Sheet No.1 of 1

_1713

TO: OLYMPIC PIPE LINE COMPANY

Date: 6-10-99 Time: Departed BAYVIEW STATION

Nature and location of report items between Stations:

AFTER A REGULAR NORTHERN ROUTE AERIAL PATROL, COMPLETED AT THE BAYVIEW STATION, I TURNED AND SAW A BIG COLUMN OF SMOKE AND FIRE TO THE NORTH. I THEN RADIOED THE BELLINGHAM TOWER AND THE CONTROLLER TOLD ME A PIPELINE HAD EXPLODED NEAR THEM I INFORMED THE TOWER THAT I WAS RETURNING TO CHECK THE OLYMPIC PIPELINE IN THAT AREA.

I ARRIVED TO THE MILE POST 16 AREA AT 1728 FOR INITIAL OBSERVATION AND CONFIRMED THAT IT WAS ON THE OLYMPIC PIPELINE. I CALLED THE OLYMPIC EMERGENCY DISPATCH TO INFORM THEM I WAS AT THE SITE. I REQUESTED THE BELLINGHAM TOWER TO KEEP ALL AIRCRAFT CLEAR OF THE AREA.

I THAN CIRCLED THE AREA FOR 15 TO 20 MINUTES BUT WAS UNABLE TO SEE THE RIGHT-OF-WAY AT THIS TIME DUE TO HEAVY SMOKE IN THAT AREA OF MILE POST 16. THERE WAS EMERGENCY VEHICLES STANDING BY BUT IT LOOKED LIKE THEY WERE UNABLE TO GET CLOSE TO THE RIGHT-OF-WAY DUE TO THE INTENSE FIRE.

AFTER LANDING AT THE BELLINGHAM AIRPORT I CALLED OLYMPIC PIPELINE EMERGENCY DISPATCH AGAIN TO REPORT WHAT I HAD SEEN OVER THE SITE. I THAN DEPARTED THE BELLINGHAM AIRPORT AND RETURNED TO MILE POST 16 FOR A FINAL CHECK OF THE AREA.

I HAD RADIO CONTACT WITH THE HELICOPTER ENROUTE WITH OLYMPIC PIPELINE PERSONNEL ABOARD AND INFORMED THEM I WAS LEAVING THE SITE. TALKED TO BELLINGHAM TOWER CONTROLLER AND TOLD HIM THAT I WAS OUT OF THE AREA AT 1815.

Observei HILLCREST AVIATION .

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Attachment 2C. 23 August 1999 Letter RJ Klassen re: Recap of Displacement Activities at Ferndale Station to Bayview Product Terminal

OPL Bellingham, WA June 10, 1999 DCA99-MP008



Olympic Pipe Line Company 2319 Lind Ave. S.W. P.O. Box 1800 Renton, WA. 98057-1800 (425) 235-7736

INTERNAL USE ONLY



23 August, 1999

To: R.J. Klasen

Recap

Ferndale Station to Bayview Products Terminal 16" pipeline displacement activities

Note: All product displaced during below mentioned activities is sub-octane gasoline - \leq 8.8 psi RVP

Date	Project	BBLS	Gallens
July 18, 1999	MP 16 to Ferndale - Nitrogen pushback	19217 (Arco CP tank handline gauge)	807114
July 18, 1999	MP 16 to MP 28 nitrogen pushout	11804 – Seattle DF net meter	495768
August 18, 1999	MP 28 to Bayview Products Terminal	13305 – Seattle DF net meter	558810
		Total displaced net bbls with nitrogen – 44326	Total gallons - 1,861,692

June 10, 1999	
Linefill from Ferndale to BPT	48072
July 18, 1999	
Pushout to MP 28	
Pushback FE	31021
August 18, 1999	
Pushout to BPT	13305
Total pushout	44326
Attempted re-pressure	1892
Total loss projection	5638 bbis
	236796 gallo

The preceding barrel calculations are based upon control center records for the activities shown. They are based upon verbal and written documentation to the operations control center by OPL field personnel and refinery personnel.

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Attachment 2D. - Materials Safety Data Sheet: ARCO Unleaded Gasoline

OPL Bellingham, WA June 10, 1999 DCA99-MP008

MATERIAL SAFETY DATA SHEET

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ARCO UNLEADED GASOLINE

MSDS No. APPC306 Ver. 5 Rev. Date 06/24/1998

IMPORTANT:

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T: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product.

1.	PRODUCT and COMPANY IDENTIFIC	CATION
Material Identity	ARCO Unleaded Gasoline	· · · · · · · · · · · · · · · · · · ·
Trade Name(s)	ARCO Unleaded Gasoline	
Other Name(s)	ARCO Clear Gasoline, Unleaded Mo Gasoline, or Petrol	otor Vehicle Gasoline, Unleaded Regular
Chemical Description	Petroleum Hydrocarbons	
Manufacturer's Address	ARCO Products Company Division of Atlantic Richfield Compar 333 South Hope Street Los Angeles, California 90071	ny
Telephone Numbers	Emergency 800-424-9300 CHEMTREC	Customer Service 800-322-2726 Info Only

2.

COMPONENTS and EXPOSURE LIMITS

				ACGIH	E: OSHA	xposure Lit ARCO	nits	
Component ¹	CAS No.	<u>% Ca</u>	emposition By Volume ²	TLV	PEL	EL	Units	Туре
GASOLINE ⁽²⁾	(4) 8006-61-9	EQ	100	500 300	500 300	N/AP N/AP	ppm ppm	STEL TWA
which contain	s:						e e e	
BENZENE "	2)/31							
	71-43-2	AP	1 to 5	2.5 0.5	5 1	N/AP 1	ppm ppm	STEL TWA
CYCLOHEXA	NE 110-82-7	LT	2	300	300	N/AP	ppm	TWA
ETHYLBENZ	ENE							
	100-41-4	AP	1 to 3	125 100	125 100	N/AP N/AP	ppm ppm	STEL TWA
HEXANE (N-I	HEXANE)		•				••	
	110-54-3	AP	2 to 5	50	50	N/AP	ppm	TWA
TOLUENE	108-88-3	AP	7 to 14	N/AP 50	150 100	N/AP N/AP	ppm ppm	STEL TWA
TRIMETHYI.	BENZENE (ALL I	SOME	RS)			•	•••	
	25551-13-7	LT	5	25	25	N/AP	ppm	TWA
1,2,4-TRIME	FHYLBENZENE 95-63-6	AP	1 to 4	25	25	N/AP	ppm	TWA
2.2,4 TRIMET	HYLPENTANE 540-84-1	AP	3 to 10	N/AP	N/AP	N/AP		OPL 1131980
XYLENE								
	1330-20-7	AP	8 to 15	150 100	150 100	N/AP N/AP	ppm ppm	STEL TWA

Print Date: 01/04/99

FOR "DISCLAIMER OF LIABILITY". SEE THE STATEMENT ON LAST PAGE

Page 1 of 8

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ARCO UN	LEADED GASOLINE			•		M	SDS NO AF	PC306 Ver. t	5
						•			
which ma	y contain:								
ETHANO	L								
	64-17-5	AP	0 to 10	1000	1000	N/AP	ppm	TWA	
METHYL	TERTIARY BUTYL	ETHER	(MTBE)						
	1634-04-4	AP	0 to 15	40	N/AP	N/AP	ppm	TWA	

1.0

E Garanosan displayen after Component Name Listed by 111 NTP. 121 IARC, 13) OSHA 14) Other

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² See Abbreviations on Mal page

3 The OSHA exposure miss are changed in 1993 due to a federal court ruling. ARCO has chosen to bet the 1989 OSHA exposure limits in this document as they are gamerally more stingert and theirsfore more protective than the sument expassive limits. (Refer to 23 CFR 1910 1000)

3. HAZARD IDENTIFICATION

IMMEDIATE HAZARDS

DANGER

HIGHLY FLAMMABLE! OSHA/NFPA Class IB flammable liquid. Keep away from heat, sparks, and open flame.

Never siphon gas by mouth. Harmful if swallowed. Contains petroleum distillates. If swallowed, do not induce vomiting since aspiration into the lungs may cause chemical pneumonia. Obtain prompt medical attention.

Prolonged or repeated liquid contact may cause irritation. High vapor concentrations (greater than 1000 ppm) may cause irritation to eyes and respiratory system and may cause dizziness and other nervous system effects.

Generally, human exposures to gasoline are considerably lower than levels which have caused adverse health effects in animal studies or human case studies of gasoline misuse or abuse (such as gasoline sniffing). Adverse health effects are not expected to occur at exposure levels typically encountered in the use of gasoline as a motor fuel.

Avoid breathing vapors or mists. Use only with adequate ventilation. Use as a motor fuel only. Do not use as a cleaning solvent, thinner or for other non-motor fuel use.

ACUTE HEALTH HAZARDS

Routes of Exposur	e Signs and Symptoms
Inhalation (Primary)	High concentrations (greater than 1000 ppm) of vapors or mists from this material can cause irritation of the nose, throat, and lungs, headache, dizziness, drowsiness, loss of coordination, fatigue, nausea and labored breathing.
Eye Contact	May cause some transitory eye irritation but not expected to cause prolonged or significant eye irritation.
Skin Contact	High concentrations (greater than 1000 ppm) of vapors or mists from this material can cause irritation of the nose, throat, and lungs, headache, dizziness, drowsiness, loss of coordination, fatigue, nausea and labored breathing. (See Summary of Chronic Hazards.)
Ingestion	May cause irritation of the mouth, throat and gastrointestinal tract leading to nausea, vomiting, diarrhea, and restlessness. May cause headache, dizziness, drowsiness, loss of coordination, fatigue, nausea and labored breathing.
•	ASPIRATION HAZARD: This material can enter the lungs during swallowing or vomiting and may cause lung inflammation and damage which in severe cases may be fatal.
Summary of Chronic Hazards and Special	Personnel with preexisting central nervous system disease, skin disorders, or chronic respiratory diseases should be evaluated by an appropriate health professional before occupational exposure to this material.
Health Effects	Prolonged/repeated skin exposure, inhalation of high vapor concentrations or ingestion of this material may result in adverse dermal or systemic effects. Avoid prolonged or repeated exposure or high vapor concentrations.
	Contains benzene, a chemical known to cause cancer in humans. Repeated and prolonged exposure to benzene vapors may cause leukemia, aplastic anemia, or other blood disorders, immunotoxicity, reproductive harm or fetal toxicity.
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Generally, human exposures to gasoline are considerably lower than levels which have caused adverse health effects in animal studies or human case studies of gasoline misuse or abuse (such as gasoline sniffing). Adverse health effects are not expected to occur at exposure levels typically encountered in the use of gasoline as a motor fuel.

See Section 11 for Additional Toxicological Information

4.	EMERGENCY and	I FIRST AID					
Inhalation	Immediately move perso rescue breathing or adm attention.	Immediately move personnel to area with fresh air. For respiratory distress, give oxygen, rescue breathing or administer CPR (cardiopulmonary resuscitation). Obtain prompt medical attention.					
Eye Contact	Flush clean low-pressum pain or redness is prese	Flush clean low-pressure water for at least 15 minutes, occasionally lifting the eyelids. If pain or redness is present after flushing, obtain medical attention.					
Skin Contact	Immediately remove cor water. If irritation persis	ntaminated clothing. Wash a standard strention.	affected skin thorou	ghly with soap and			
Ingestion	Do not induce vomiting.	Obtain prompt medical atte	ention.				
· · ·	ASPIRATION HAZARD: may cause lung inflamm	: This material can enter the nation and damage.	lungs during swallo	wing or vomiting and			
Emergency Medical Treatment Procedures	See above procedures.						
5.	FIRE and EXPLOS	510N					
Flammable Limit	nperature (Method)" s (% Voi. in Air)" Lov	AP -45°F (D-56) GT 600°F (E-659) wer AP 1.4 per AP 7.6	NFPA Hazar Health: Fire: Reactivity: Special:	d Rating: 1 = Slight 3 = High 0 = Insignificant =			
Fire and Explosion Hazards	mixed with air in certain burn in the open or expl	Vaporizes easily at normal proportions and exposed to lode in confined spaces. Be es along the ground before r	en ignition source. And heavier than air,	these vapors can fiammable vapors			
	May accumulate static e	electricity.					
	Liquid floats on water ar	nd may travel to a source of	ignition and spread	fire.			
	explode.	in liquid and vapor residues		-			
•	For determining Nationa for electrical installations	al Electrical Code (NEC) Ha is, consider this material Cla	zardous (classified) iss 1, Group D.	location requirements			
Extinguishing Media	Foam, Water fog, C02, Consult foam manufactu Water and water spray	, Dry chemical lurer for appropriate media, a may cool the fire but may no	application rates and ot extinguish the fire	i water/foam ratios.			
Special Firefighting Procedures	proper protective equipr against the hazardous e	material, do not enter any en ment. This may include self effects of combustion produc the fire, respiratory protectiv d to fire with water.	i-contained breathing cts and oxygen defic	g apparatus to protect siencies. If firefighters se worn. Cool tanks			
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ARCO UNLEADED GASOLINE

6.	ACCIDENTAL RELEASE MEASURES
Precautions if Material is Spilled or Released	Eliminate all potential sources of ignition. Handling equipment and tools should be grounded to prevent sparking. Contain spill, evacuate non-essential personnel, and safely stop flow. Blanket spill with foam or use water fog to reduce vapor cloud. On hard surfaces, spilled material may create a slipping hazard. Equip cleanup crews with proper protective equipment (as specified in Section 8) and advise of hazards. Clean up by recovering as much spilled or contaminated materials as possible and placing into closed containers. Consult with an environmental professional for the federal, state and local cleanup and reporting requirements for spills and releases.
7.	HANDLING and STORAGE
Handling, Storage and Decontamination Procedures	Store and transport in accordance with all applicable laws. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME! Store separate from oxidizing materials. Keep containers closed, plainly labeled, and out of closed vehicles. Containers should be able to withstand pressures expected from warming or cooling in storage. Store in cool (80°F or below) well-ventilated location. All electrical equipment in storage and/or handling areas should be installed in accordance with applicable requirements of the National Electric. Code (NEC).
	Avoid contact with skin. Avoid inhalation of vapors or mists. Use in a well-ventilated area away from all ignition sources.
	Ground and bond containers when pouring/conveying/transferring material.
	"Empty" containers retain liquid and vapor residues and can be dangerous. Do not pressurize, cut, weld, drill, grind or expose to heat, flame, sparks, static electricity, or other sources of ignition, containers with ANY residue; they may explode and cause injury or death.
•	KEEP OUT OF REACH OF CHILDREN!
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
Engineering Controls	Where possible, use adequate ventilation to keep vapor and mist concentrations of this material below the occupational exposure limits shown in Section 2. Use explosion proof ventilation equipment. Electrical equipment should comply with National Electrical Code (NEC) standards (see Section 5, Fire and Explosion).
Respiratory	A NIOSHMSHA-approved air-purifying respirator with an organic vapor cannoge may be permissible under certain circumstances where airborne concentrations may exceed the exposure limits in Section 2.
	NOTE: The protection provided by air-purifying respirators is limited. Use a positive pressure air-supplied respirator if there is any potential for an uncontrolled release, if exposure levels are not known, or if concentrations exceed the protection limits of the air-purifying respirator. Consult a health and safety professional for guidance in respirator selection. Respirator use should comply with OSHA 29 CFR 1910.134.
Eyes	Eye protection should be worn. If there is potential for splashing or spraying, chemical protective goggles and/or a face shield should be worn. If contact lenses are worn, consult an eye specialist or a safety professional for additional precautions. Suitable eye wash water should be available in case of eye contact with this material.
Skin	Avoid prolonged and/or repeated skin contact. If conditions or frequency of use make significant contact likely, clean and impervious clothing such as gloves, apron, boots and facial protection should be worn.
	Nitrile or Viton protective clothing material is recommended.
•	Non-impervious clothing which accidentally becomes contaminated with this material should be removed promptly and not reworn until the clothing is washed thoroughly and the contamination is effectively removed. Discard soaked leather goods.

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Other Hygienic and Work Practices Use good personal hygiene practices. In case of skin contact, wash with mild soap and water or a waterless hand cleaner. Wash hands and other exposed areas thoroughly before eating, drinking, smoking, or using toilet facilities.

9.

PHYSICAL and CHEMICAL PROPERTIES

Boiling Point:	AP 35° to 437°F
Viscosity Units, Temp. (Method):	N/AP
Dry Point:	AP 430°F
Freezing Point:	N/AP
Vapor Pressure, Temp. (Method):	AP 5 to 15 at 100°F (REID-PSIA)
Volatile Characteristics:	Appreciable
Specific Gravity (H ₂ O = 1 @ 39.2° F):	AP 0.7 to 0.8
Vapor Sp. Gr. (Air = 1.0 @ 60°F - 90°F):	AP 4
Solubility in Water:	Slight
PH:	N/AP
Appearance and Odor:	Colorless to straw-colored liquid; petroleum naphtha odor.
Other Physical and Chemical Properties:	Water in contact with oxygenated gasoline can contain up to 80% oxygenate and hydrocarbon materials.
	Vapor pressure will vary seasonally in compliance with industry standards and federal and state regulations.

10.

STABILITY and REACTIVITY

Stability	Stable		•
Hazardous Polymerization	Not expected to occur.	•	
Other Chemical Reactivity	Reacts with oxidizing materials.		

Genditions to Avoid	Heat, sparks, and open flame, and build up of static electricity.	
Materials to Avoid	Halogens, strong acids, alkalis and oxidizers.	
Hazardous or Decomposition	Burning or excessive heating may produce carbon monoxide and other harmful gases/vapors including oxides and/or other compounds of sulfur.	
Products	The inhalation of components of exhaust from combusted fuel can be fatal in high concentrations in an enclosed area. Exposure to exhaust from this fuel should be minimized.	

11. TOXICOLOGICAL INFORMATION

Toxicological
InformationThe information found in this section is written for medical, toxicology, occupational health
and safety professionals. This section provides technical information on the toxicity testing
of this or similar materials or its components. If clarification of the technical content is
needed, consult a professional in the areas of expertise listed above.InhalationToxicity studies on this material resulted in LC50 values greater than 5.2 mg/l indicating a
low potency.

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ARCO UNLEADED	GASOLINE MSDS NO APPC306 Ver.
Eye Contact	Minimal to no irritation in animal studies.
Skin Contact	Animal studies resulted in moderate skin irritation following short term or prolonged/repeate exposure. The acute dermal toxicity tests indicate LD50 values greater than 2.0 g/kg indicating a low potency. Exposure to sunlight does not increase skin irritation. This material appears to be non-sensitizing.
Ingestion	The acute oral toxicity tests produced LD50 values greater than 5 g/kg indicating a low potency. There were signs of gastrointestinal tract irritation and central nervous system depression.
Prolonged/ Repeated Exposures	Twenty eight day dermal toxicity studies resulted in moderate skin irritation, increased liver weights and increased SGOT but no significant systemic tissue changes characteristic of disease. Ninety day dermal toxicity studies resulted in moderate skin irritation and no other significant observations or systemic tissue changes characteristic of disease. Twenty eight day inhalation toxicity study resulted in kidney damage in male rats.
	A two-year inhalation study with a generic unleaded gasoline formulated by the American Petroleum Institute caused kidney damage and kidney tumors in male rats and liver tumors in female mice. These effects are considered specific to these laboratory animals and not applicable to humans.
•	Contains benzene, a chemical known to cause cancer in humans. Repeated and prolonged exposure to benzene vapors may cause adverse effects on the central nervous system, diseases of the blood forming organs, such as leukemia, and adverse effects on the immune system. In animal studies and in workers with chronic benzene poisoning, alterations in structure of chromosomes in bone marrow and white blood cells have been observed. Studies with laboratory animals indicate that exposure to high levels of benzene vapor may cause reproductive effects and adverse effects on offspring of pregnant animals. Exposure to other components of gasoline such as benzene, toluene, xylene, ethylbenzene, trimethylbenzene, and N-hexane have also been shown to affect reproductive capacity and/or fetal development in laboratory animals. The exact relationship between these effects and humans is not known. Exposure to N-hexane at concentrations considerably higher than the current permissible exposure limit has reportedly been associated with peripheral neuropathy. Studies with laboratory animals (dogs) indicate that exposure to extremely high concentrations of gasoline (greater than 50,000 ppm) may cause irregular heartbeats and sudden death.
Additional MTBE Toxicity Information	MTBE at very high exposure levels (8000 ppm) did include developmental toxicity in mice, but only at levels where there was also maternal toxicity. In rabbils exposed to the same MTBE levels, there were no indicators of any effects on the offspring, even in the presence of maternal toxicity. The abnormal findings in the mice (cleft palate, etc.) are well-recognize effects of stress in the pregnant mouse and have no correlation with development hazards i humans.
	Chronic toxicity studies have been completed for MTBE. In these studies B6C3FI mice and F344 rats were exposed to 400, 3000, or 8000 ppm MTBE vapors, 6 hrs/day, 5 days/week for life. Few adverse effects were noted for either rats or mice.
	Male and female mice exposed to 8000 ppm MTBE vapors developed a slightly higher incidence of benign liver tumors during their lifetime. No other adverse effects or increases in tumor incidences were found.
•	Male and female rats exposed to high concentrations of MTBE vapors developed an increasing incidence of chronic progressive kidney damage, an effect typically noted in agin rats. These effects were most severe in 3000 and 8000 ppm exposure groups and were accompanied by an increased incidence of kidney tumors (males only). These findings are consistent with kidney damage associated with accumulation of protein in cells, an effect which may be unique to the male rat. Benign testicular tumors were numerically increased in high dose MTBE male rats, but this is an age-related lesion which typically occurs in a very high proportion of control untreated rats.
	MTBE does not appear to be a mutagen.
	All of these effects either occur in tissues prone to the development of tumors or may occur by a mechanism not considered relevant to humans. The significance of these findings for

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ECOLOGICAL INFORMATION

Not Available

13.

12.

DISPOSAL CONSIDERATIONS

Waste Disposal Maximize recovery for reuse or recycling. Consult environmental professional to determine if state or federal regulations would classify this material as a hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Comply with all federal, state and local laws pertaining to waste management.

14. TRANSPORT INFORMATION

UN Proper Shipping NameGasolineUN Hazard Class3UN NumberUN1203UN Packing GroupPGII

15.

REGULATORY INFORMATION

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA), TITLE III Section 311/312 Hazard Categories:

Acute Health Hazard Delayed (Chronic) Health Hazard. Fire hazard

SECTION 313: This product contains the following chemicals subject to the reporting requirements established by SARA Title III

BENZENE CYCLOHEXANE ETHYLBENZENE METHYL TERT-BUTYL ETHER TOLUENE XYLENE

TOXIC SUBSTANCES CONTROL ACT (TSCA) All components of this product are listed on the TSCA Inventory.

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT (CERCLA) This material is covered by CERCLA'S PETROLEUM EXEMPTION. (Refer to 40 CFR 307.14)

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 - PROPOSITION 65 PROP 65 WARNING LABEL:

Chemicals known to the State to cause cancer, birth defects, or other reproductive harm are found in gasoline, crude oil, and many other petroleum products and their vapors, or result from their use. Read and follow label directions and use care when handling or using all petroleum products.

WARNING:

This product contains the following chemical(s) listed by the state of California as known to cause cancer or birth defects or other reproductive harm.

BENZENE (C) (R) TOLUENE (R) UNLEADED GASOLINE (WHOLLY VAPORIZED) (C)

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Other Prop 65 chemicals may result from the use of this material. For example, burning fuels produces combustion products including carbon monoxide, a Prop 65 reproductive toxin. Further evaluation for Prop 65 compliance may be required when using this material.

(C) = Carcinogen

3111-11

(R1 = Birth Defects or other Reproductive Harm

OTHER INFORMATION

General Comments Because of volatility characteristics, gasoline vapors may have concentrations of components very different from those of liquid gasoline. The major components of liquid gasoline vapor are: butane, isobutane, pentane and isopentane.

The information and conclusions herein reflect normal operating conditions and may be from sources other than direct test data on the mixture itself.

Abbreviations	EQ = Eg.01	AP = Approximately	N/P = No Applicable Information Found	
	LT = Loss Than	UK = Uninown	NAP - Not Applicable	
	GT = Greater Than	TR = Trace	N/DA = No Data Available	

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The information in this MSDS was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS.

The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING. STORAGE, USE OR DISPOSAL OF THE PRODUCT.

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Attachment 2E. Resources Summary: June 10 thru 13, 1999

OPL Bellingham, WA June 10, 1999 DCA99-MP008

7. Resources Summary 1700 6/10/99 - 2400 6/10/99					
Resource(s) / Identifier	Quantity	ЕТА	On Scene √	Location / Assignment / Status	
Clean Sound	1		x	42' SRV; 18' Skiff; pick up truck; 550' 5" sorbent boom;	
ETI - Erik Hohman		0715	x	Crew and cleanup Eqpt	
ETI (Environmental Trans.)	1	1930	x	Vac Truck	
Classic Helicopters	2	1730	1830	Jet Ranger (4 passenger) A-Star (5 passenger)	
Whatcom Security Services	4	2130	X	Provide site security services	
Western Refinery Services	1	1920	x	Vac Truck - 82 bbl	
Dana Carlisle-Geo Engrs	1	0800	x	Environmental Consulting Srvs	
Jo Ann Hammick	1	1800	x	PR Srvs	
Olympic Pipeline Co-employees	20	0700	x	OPLC employees at Renton Command Post	
Snelson Company	3		x	Steve Massey, Doug Jensen, Charlie Bowers & misc cleanup material	
Pat Patterson	. 1 .		x	Public Relations at Bellingham site	
Olympic Pipeline Co-employees	9		x	OPLC-Employees at Bellingham	
Glacier Environmental	30	2130	x	Crew of 30 + cleanup equipment	
Whatcom Security Agency	6	2135	x	Security crew at rear leak site	
ICS Fire Dept & OPLC			x		
EPA Start Personnel	5		x	-	
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7. Resources Summary 0100 6/11/99 - 2	400 6/11/99			
WADOT	12	0100	x	12 - 12' jersey barriers;
Burns Security Int'l	2		x	Renton Command Post Security
Equiva Srvcs Crisis Management Personnel	7	2001	X	Crisis Management Team-Bellingham Airport
Heritage Inn - Hotel Rms	9	0830	x	Hotel Rooms
Days Inn - Hotel Rms	9	0930	x	Hotel Rooms
Holiday Inn Express	2	2400	x	Hotel Rooms
Equiva Srvc Personnel	9		x	Crisis Management Personnel
EPA Personnel	6.		x	Response Personnel
Clean Sound	1	Each	x	42' SRV; 18' Skiff; pick up truck; 550' 5" sorbent boom;
Clean Sound	5		x	People
DNR	38	<u> </u>	x	Response Personnel
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7. Resources Summary 0100 6/12/99 - 24	}	1		
Equiva Srvc Personnel	10		X	Crisis Management Personnel
EPA Personnel	6		X	Response Personne!
Clean Sound	1	each	X	42' SRV; 18' Skiff; pick up truck; 1100' 5" sorbent boom;
Clean Sound	5	ļ	X	People
Ramada Inn	4	Each	x	Hotel for Polaris Crew
DNR	39		x	Response Personnel
Holiday Inn Express	2	Each	X	
Days Inn	7	Each	x	
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7. Resources Summary 0100 6/13/99 - 2	400 6/13/99			
Equiva Srvc Personnel	9		<u>x</u>	Crisis Management Personnel
EPA Personnel	3		X	Response Personnel
DNR	16		<u>x</u>	Response Personnel
Clean Sound	1	each	x	42' SRV; 18' Skiff; pick up truck; 1100' 5" sorbent boom;
Clean Sound	2	Each	X	Standing down at 2:00 PM
Whatcom Security	25	Each	<u> </u>	
Plemco	13	Each	<u> </u>	Repair Personnel
Rehab Station (Area A&F) by Water Plant	1	Each	x	1 ambulance; 2 EMTs; 1 handwashing facility; drinking water
Rehab Station (Area B) by Woburn & Iowa	1	Each	x	2 EMTs; 1 handwashing station; drinking water
Rehab Station (Area B&C) by on Iowa behind Foley Motors	1	Each	X .	2 EMTs; 1 handwashing station; drinking water
Safety Equipment-Sanderson			x	4 doz leather gloves; hard hats; 12 rolls red baracade tape; MSA smoke tubes w/ bulb & tube breaker (8 boxes); 12 orange vests; 19 packs of antibacterial wipes
Safety Equipment-Glacier			x	20 pr safety glasses; 45 sets tyvek; 70 dust masks; 72 pr PVC/nitrol gloves; 75 pr rain gear; 10 yellow hard hats

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Attachment 2F. Olympic Spill Response Plan: Table of Contents, Resources, Strategies and Summary of Socioeconomic Resources

OPL Bellingham, WA June 10, 1999 DCA99-MP008

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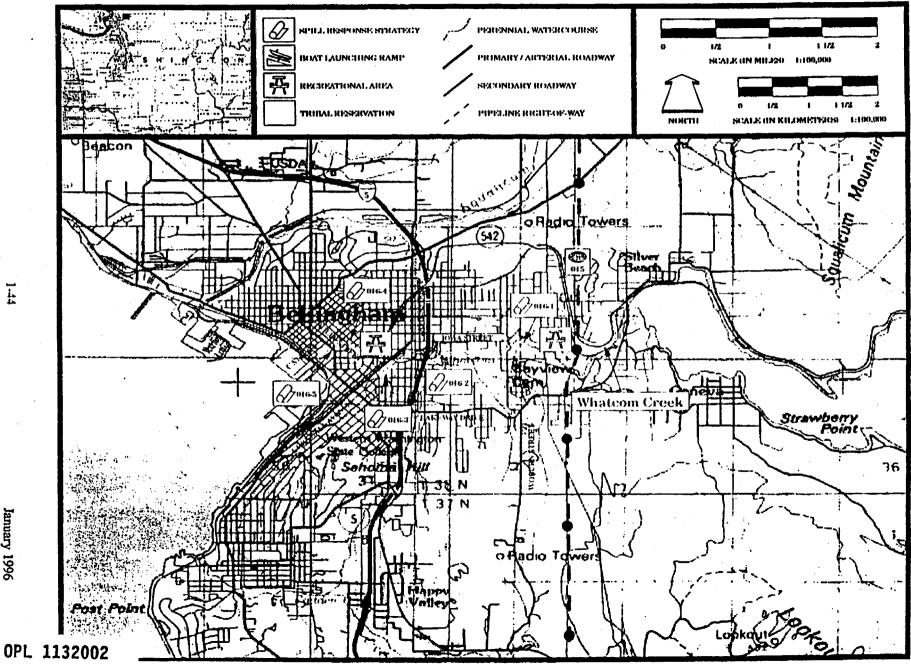
Appendix H Olympic Pipe Line Company Spill Response Team Job Descriptions

Appendix I Spill History

Spill Response Plan

May 1996 OPL 1132001 46

WHATCOM CREEK NOOKSACK RIVER DRAINAGE BASIN



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January 1996

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WHATCOM CREEK SPILL RESPONSE STRATEGIES

OPLCO Milepost	Name of Waterway	Strategy Locution	Waterway Width	Waterway Velocity	Response Strategy	Length & Type of Boom	Strategy Implementation	Slaging Area	Site Access	Additions) Comments	Priority Number
				•			•			· ·	
016-1 16" NIL	Whatcom Creek	I-5, Exit 253 east on Lakeway Dr., 1.1 miles turn left (N) on Woburn St., 0,7 miles to bridge crossing	42'	Fast	Boom, skim, & collect, prevent movement of product	100' River Collection Boom, 200' Absorbent Boom	Secure boom to bridge and anchor at mid-stream	Small area on east side of bridge	Good	Small 35 bbl tanker on riverside	
016-2 16" ML	Whatcom Creck	1-5, Exit 254 west on Iowa St., 0.1 miles turn left on James SL, 0.7 miles to bridge crossing	50*	Fast	Boom, skim, & collect, prevent movement of product	100° River Collection Boom, 250° Absorbent Boom	Secure boom to bridge supports	Small parking area north and south of bridge	Good	Small footbridge east of James St.	•
016-3 16" NIL	Whatcom Cseek	I-5, Exit 253 west on Lakeway Dr., 0.2 miles tum right on Holly St., 0.5 miles tum right on Cornwall Ave., 0.3 miles to bridge crossing	35	Slow Deep Waler	Boom, skim, & collect, prevent movement of product	75' River Collection Boom, 175' Absorbent Boom	Anchor boom and secure to bank	Large parking lot north and south of bridge	Good		
01 6-4 16" ML	Whatcom Creek	I-5, Exit 253 west on Lakeway Dr., 0.2 miles to Holly St., 0.9 miles to "C" St. and turn right, follow to end of street to Maritime Heritage Hatchery	400	Tidal	Protect Hatchery Intake	400° of Deflection Boom	Secure boom upstream of hatchery	Parking lot at hatchery	Good	Hatchery phona number is (360)676-6494	
016-5 16" NIL	Whatcom Creek	I-5, Exit 253 west on Lakeway Dr., 0.2 miles to Holly St., follow Holly St. 0.8 miles to bridge crossing	90'	Tidal	Boom, skim, and collect, prevent movement of product	200' deep water boom, 400' absorbent boom	Secure boom to bridge and anchor	Parking lot at hatchery	Cood		

Past this point, refer to San Juan Islands/North Puget Sound GRP Strategy B-31.

1

Gasoline Products are extremely flammable. Containment of gasoline products may allow explosive concentrations to accumulate. The preferred response to a spill of a gasoline derivative is to (1) knock down vapors, (2) protect environmentally sensitive areas from contamination, and (3) allow evaporation to occur. DO NOT BOOM SPILLED MATERIAL IF THE FLASH POINT IS LESS THAN OR EQUAL TO 100 °F.

No. GRP

1-45

May 1996

WHATCOM CREEK WATERSHED

SOCIOECONOMIC RESOURCES

The following table identifies socioeconomic resources, within the Whatcom Creek Watershed, susceptible to the impacts of spilled petroleum products originating between OPL MP 014.5 and OPL MP 018. These potential impacts are presented in progression on the pipe line right-of-way and along Whatcom Creek in a downstream direction.

Name	Location	Proximity to Pipe Line	Telephone Number
Highland Heights Park	Alabama St.	On ROW at OPL MP 017	N/A
Whatcom Falls Park	Electric Ave.	On ROW at OPL MP 016	N/A
Whatcom Falls Trout Hatchery	Whatcom Falls Park	On ROW at OPL MP 016	(360)676-2138
Water Treatment Plant- City of Bellingham	Whatcom Falls Park	On ROW at OPL MP 016	N/A
Bayview Cemetery	2701 Lakeway Dr.	0.25 mile downstream of pipe line crossing	(360)676-6972
St. Clair Park	St. Clai r St.	0.5 mile downstream of pipe line crossing	N/A
Cascade Natural Gas Corporation	1600 Iowa St.	1 mile downstream of pipe line crossing	(360)733-5980
Maritime Heritage Park & Salmon Hatchery	1600 C St.	2.25 miles downstream of pipe line crossing	(360)676-6494
Georgia Pacific Bellingham Division	300 West Laurel Rd.	2.5 miles downstream of pipe line crossing	(360)733-4410
Clearbrook Park	Lakeway Dr.	On ROW at / OPL MP 017	N/A

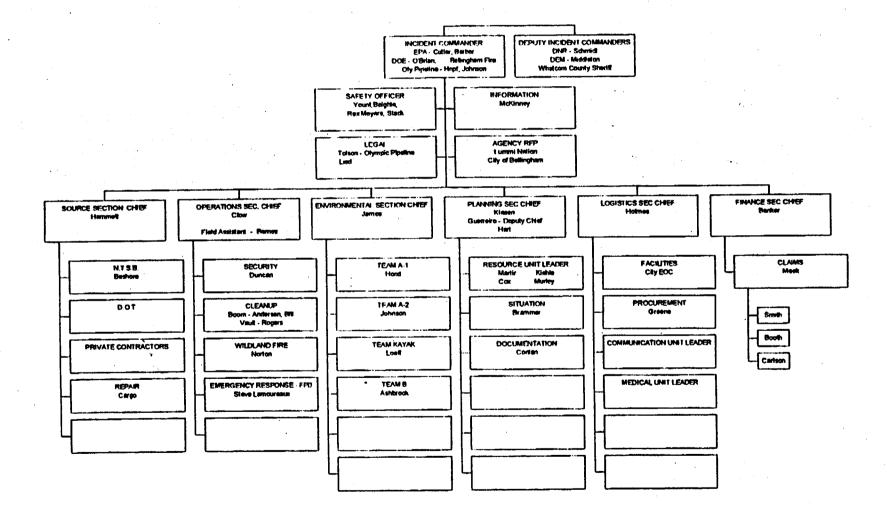
OPL 1132004

January 1996

Attachment 2G. Incident Command System: Organizational Chart

OPL Bellingham, WA June 10, 1999 DCA99-MP008

WHATCOM CREEK INCIDENT June 13, 1999



OPL 1132006

Attachment 2H. - Final Disposal Tracking Inventory

OPL Bellingham, WA June 10, 1999

Final Disposel Tracking Inventory Whatcom Greek Incklent

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			Disposal Facility	Lading	UHWM	Manifest No.	Description	Time:	Water Volume	Gasotine Vojume	Soft	Other	Type of Weste
Dete	Received From:	Transporter						Receive	(Geffons)	(Getone)	(fens)	(Pounds)	
6/11/99	Locston(s) Weler Trestment Plant- Veuit Dewstering	WestPac Environmental Ins.	Locston(9) Toeco Refinery, Ferndsle WA	x		18385	Nonhazardoua liquid		11,000		·		gasoline affected weter, 37,900 lbs truck + 51,910 lbs troller
0/11/99	Water Treatmont Plant- Vault Dewatering	WestPec Environmental Inc.	Tosco Rofinory, Ferndale WA	x		19305	Nonhazardoue liquid		11,000				gesoline affected weter; 37,900 Ros Buck + 51,910 Bis traffer
6/12/99	Water Treatmont Plant- Vault Dewatering	WestPac Environmental Inc.	Tosco Refinery, Ferndele WA	x		17413	Nonhazerdous liquid		1,200				gasoline affected water; 12,200 lbs truck
0/15/99	Plant-Vault dewatering	WestPac Environmental Inc	Emerald Petroleum, 1500 Airport Wey, Seattle WA 98134	x		19525	Weter, nonhezerdous liquid	14:45 hrs	8,500			 	gasoline afficied water, WIP-A
· 6/17/99	Gezatine Soop	Burlington Environmental, Inc.	Burlington Environmental, Inc., 20245 77th Avenue 8, Kent WA 98032 (subsidiery - Philip Service Co.)		X	41571	Weste gesofine minure, 3, UN1203, PG II					4200	20 drums, Philip profile 113015-00 (D001, D016) - booms, PPE, debris, sboorbort pada, gazaline d vater
										383			Equivalent gasaline content in absorbants; quantity calculated in Philips_drum_sum.ds
6/17/94	South Bell-Pipeline Isolation	Western Refinery Services	Puget Sound Rofining Co (Equilon), 8505 South Texas Road, Anacortes WA 95221	×		(none essigned)	ARCO unleaded gasoline (gas from pipeline, no wster)	20.59		285G			Recovered gasoline from pipeline; 18,400 lbs ret weight
6/19/99	Baker Tenk water from vaults?	Weit ^p is. Environmental Inc.	Puget Bound Refining Co (Equiton), 8505 Bouth Texes Rosd, Ancortes WA 95221		× _	00001	Weele environmental hezardous substance liquid, n o s. (D018), 8 UN3082, PG III		8,500				Geodine effected water fre Baker Tenk; no weigh ticket?
8/21/89	CMV vesiti, Bettingherr water fittrettan plant	West ^p ac Environmental Inc.	Puget Sound Refining Co [Equilon], 8505 South Touss Rood, Anacortos W/ 90221		x	00002	Weste environmental hazardous substance liquid, n o s (DD18), f UN3092, PG III		3,100				Geschine affected water fro CMV veuit, 28,280 ibe ne weight

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Final Disposal Tracking Inventory Whatcom Creek Incident

						Manifest No	Description	Time:	Weter Volume	Gasoline Volume	Soll	Other	Type of Waste
	Received From:	Transporter	Disposal Facility	Lading	UHWM	Willinger		Receive	(Gellons)	(Getone)	(Iens)	(Pounda)	and the second design of the s
Dete			Location(s)			The state of the local division of the local	and the second secon						
6/72/66	Location(s) Pump you't develoring for City inspection/repair	WeetPac Environmentel Inc.	Puget Sound Refining Co [Equilon], 8505 South Texes Roed, Anecortes WA 98221		x	00003	Weste envronmentel hezeidous substance, liquid, n o s. (D018), 9. UN3062, PG W		8,100				Gesoline affected water from pump valit; volume reported by Bold as 8,400 gallone at 6/23/88 Form 209 – UHAW received on 6/25/99 is 8,100 gallons. Carrection made at Form 208 report on 6/25/89
6/23/99	Pump youth develoring for City inspectar/report	West ^{pac} Environmental Inc.	Puget Sound Refining Ce (Equilon), 8505 South Tenes Rosd, Anscotus WA 98221		X	00994	Weste environmental hazardous substance, liquid, n e s (DO16), 9 UN3062, PG M		8,000				Gesoline affected water from pump veuit '
6/23/91	Pump yoult dewatering for City Inspection/repair	WestPac Environmental Inc.	Pugel Sound Refining Co [Equitor], 0505 Bauth Texes Road, Anscortes W/ 80221	×		19531	Environmentally hazerdous substance liquid, n.o.s. (gesoline xylene), O, UN3006, P III	.]	8,000				Genotive affected water, sample WCI-PV62290 used to classify as non-RCRA
6/24/9	Pump vault deviatoring for City trapaction/repetr	WestPac Environmental Inc.	Puget Sound Refining Co (Equilion), 8505 South Texas Road, Anacortes W 99221	×		19532	Environmentally hazardous substance liquid, n o s. (gasofin sylane), 9, UN3096, F 10	•.]	8,600				Gasolina affected webr; semple WCLPV02288 user to classify as non-RCRA
8/24/	CMV pump vsuR downloring for City inspection/repair	WeetPec Environmentel Inc	Puget Sound Refining Co (Equilion), 8505 Sout Teves Road, Anscortes W 95221		x	00005	Weste environmenta Inszerdous substanc Bquid, n.o.s. (D016), UN3062, PG II	•	5,525				Gesofine affect water; semple WCI-VT62198 use to clossity as RCRA water
7/6/4	Petroloum- conteminated polit (geseline), Stockplin \$3, from excention damaged pipeline	City Transfer, Ind (buck = Silver Stree Inc.), P.O. Box 104 Kent WA 98035	ek. 2900 1041/1 St S, Lekeno 16. WA 95499	od X		- A03-02429-001	Nonhazardous sol				52.25		Nominal 22 cy in truck; weighed at TPS scales - 64,500 lbs
7/6/	Petroleum- conterninated soll	e McCann Trucking of P.O. Box 1045, K	TPB Technologies, inc g), 2000 104th St 6, Lekewa			A03-02429-002	Nonhezerdous eo	•			.28 7		Nominal 22 cy in truck; weighed at TPS scales - 57,490 Res

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Finel Disposel Tracking Inventory Whalcom Grask Incident

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										Ossoline	Sol	Other	
Date	Received From:	Transporter	Disposal Facility	Loding	UHWM	Manifest No	Description	Time:	Water Volume	Yotyme		(Pounds)	Type of Waste
	Location(a)		Location(s)			and the state of the		Receive	(Gellone)	(Gellone)	(Tone)	IL AN ISST	۳۳ استنداب این ارتفاعه چراوی رواند.
718199	Petroleum- contaminated soft (gesofine), Stockpile #3, from accavellon of demaged pipeline	City Transfer, Inc. (buch = Bilver Streak, Inc.), P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 6, Lekewood WA 08499	X	•	A03-02429-003	Nonhezerdous soll				30.31		Haminal 24 cy in buck; weighed at TPS scales - 60,620 ke
7/6/99	Publicloum- contaminated soli (gasoline), Stockplie 53, from excavation of clamaged pipeline	City Trenufur, Inc. (truck = T-Mex), P O. Box 1048, Kert WA 98035	7P5 Technologies, Inc., 2001 104th St 8, Lekewood WA 90499	×		A03-02429-004	Nonhezerdous soll				26.81		Nominal 24 cy in buck; weighed at TPB scales - 53,620 lbs lbs
7/6/99	Petroleum- conteminated soll (gesoline), Stockpile #3, from excavation of demaged pipeline	City Transfer, Inc. (buck = Silver Streak Inc.), P.O. Box 1048, Kont WA 90035	1PS Technologies, inc., 2800 104th St B. Leisewood WA 98499	X		A03 02429-005	Nonhazardous soff				31 32		Nominal 24 cy in truck; weighed at TPS scales - 62,640 lbs
7/5/90	Patrolaum portamineted soli (gasoline), Stackpile 83, from encavelon of damaged pipeline	Chy Transfer, Inc. (truck = Silver Streek Inc), P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B. Lakewood WA 90499	×		A03-02429-005	Nonhazardous soll				26.62		Nominal 22 cy in truck; weighed at TPB scales - 57,640 lbs
7/6/90	Petroleum- contamineted soll (gesoline), Stockpile #3, from encavetion of demaged pipeline	City Trenufur, Inc. (buck = T-Mau), P.O Box 1048, Keni WA 80035		×		A03-02428-007	Nonhazardoua aoli				33,99		Nominal 24 cy in Inucli; weighed at TPB scales 67,000 Ros
7/8/99	Petroleum- contaminated soll (gasoline), Stockpile 82, from excevation of demagod pipeline	City Trensfer, Inc. (Fuck = Silver Streak Inc.), P.O. Bax 1048 Kent WA 90035		x		AU3-02429-008	Nonhezerdoue soll				33.08		Nominal 24 cy in Iruch; weighed at TPS scales 00,120 lbs
7/5/98	Petroleum- contaminated soft (gesoline), Stochpile #2, from excevation of damaged pipeline	City Trensfer, Inc. (Fuct = Gery McCann Truching), P O Box 1048, Ken WA 80035	TPS Technologies, Inc., 2800 104th Si 5, Lekewood WA 98489	x		A03-02428-008	Nonhezerdoue soil				2005		Nominal 23 cy in Inuck; weighed at 7P8 acales 59,800 lbs
7/6/80	Petroleum- contaminated soll (gesoline), Stockpile 92, irom excavation of damaged pipeline	City Transfer, Inc. (buck = Gery McCann Trucking), P.O. Box 1048, Ken WA 80035	TPS Technologies, Inc., 2800 104th St S. Lakewood WA 98499	r X		A03-02429-010	Nonhezerdous soil				29.79		Nominal 22 oy in truck; weighed at TPB acales 58,500 fba

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Final Disposal Tracking Inventory Whatcom Greek incident

	Received From:	Transporter	Disposel Facility	Lading	UHWM	ManHest No	Description	Time:	Water Volume	Gesoline Volume	Bolt	Other	Type of Weste
Dete	Location(2)		Location(s)				المكافرة محدد ويستجد مورد مراجع	Receive	(Gallons)	(Gellons)	(Tome)_	(Pounda)	
7/0/98	Publicum- contaminated soll (gasolino), Biockpile 82, from aucavation of damaged pipeline	City Transfer, Inc. (buck = T-Max), P.O. Box 1048, Kant WA 90035	TPS Technologies, Inc., 2003 104th 51 S, Lekewood WA 98499	X		A03 02429-011	Nonhazardous eoli				18.15		Nominal 18 cy in truck; weighed at TPS scrive - 36,300 Ros
7/0/99	Pubbleum. contemhisted soft (gesoline), Stockpile 92, from excertion of damaged pipetime	City Transfer, Inc. (truck = Gary McCann Trucking), P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 1040 St 5, Lekewood WA 90400	x		AD3-02428-012	Nonhezerdous soli				12.92		Nominal 10 cy in Inucic; weighed at TP3 scales - 25,840 ibs
7/1/09	Geooline-contaminated absorbent peds and boom, WFP seeps on Hanne and Whatcom Creeks	Burlington Environmental, Inc.	Burlington Environmental, Inc., 20245 7791 Avenue 5, Kork WA 98032 (subsidiery - Phillip Service Ce.)		X	41887	Weste gevoline mixture, 3, UN1203, PG II			259		3141	20 drums of absorbent bee and peets hom seeps, skinnning operations; actu weight by 7500° (3141 lb; grove, 1801 lbs nel) wed determine gesofine frectio = 172 gellone
7(7/99)	Used personal protective equipment (PPE) from response efforts, accurulated at WFP site	Burlington Environmentel, Inc.	Burlington Environmental, Inc., 20245 77th Avenue S, Kent WA 88032 (subsidiery - Philip Service Co)		x	41887	Material not regulated by DOT (PPE and debris)					459	5 drums of used PPE from site cleanup
7/12/99	Pump veuit dewetering, ongoing recovery for City inspection/repair	WestPec Environmental Inc.	Puget Sound Refining Co (Equiton), 6505 South Texas Road, Anecortes WA 98221	×		Straight bill of leding (no number essigned)	Environmenially Inzerdous substance, liquid, n o s (gesoline, sylene), 9, UN3065, PC W		8,600				Georine affect water; semple WCI-PV02200 us to clessify as non-RCPA
7/13/99	Petroleurn- contamineted soli (gasoline), Stochpile #2, from excavation of damaged pipeline	City Transfer, Inc., P O. Box 1048, Kern WA 98035	TPS Technologies, bic., 2000 104th Bl S. Letewood WA 90499	×	•	A03-02429-013	Nonhezercious soll				35.11		Nominal 22 cy in truck; weighed at TPS scales 70,220 fbs
7/13/99	Patraloum conteminated polt (geseline), Stockpile 92, Item excevation of damaged pipeline		TPS Technologies, Inc., 2000 1049 51 5, Lakewood WA 98499	s X .		A03-02429-014	Nonhesendous soll				33.00		Hominal 22 cy in truct; weighed at TPS aceles 67,320 ibs

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Final Disposel Tracking Inventory Whatcom Greek Incident

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Date	Received From:	Transporter	Disposal Facility	Leding	UHIWIN	Manifest No	Description	Time:	Water Volume	Ossoline Volume	Solt	Other	Type of Weste
	Location(1)		Location(s)				والمربية المربية المراجع المراجع	Receive	(Gettone)	(Getons)	(Teme)	(Pounds)	
7/13/00	Patroleum- contantineted soll (gescoline), Biochpile #2, from successition of classaged pipeline	City Transfer, Inc., P O Box 1048, Kant WA 98035	1PS Technologies, Inc., 2000 104th St 8, Lekewood WA 90409	X		A03-02429-015	Nonhazardous soil				33 36		Nominal 22 cy in buck; weighed at TPS scales - 60,700 lbs
7/13/90	Petroleum- contemineted soll (guestine), Stockpile #1 end #3, hom excavation of demograd pipeline	CRy Transfer, Inc., P.O. Box 1048, Kard WA 98035	1PG Technologies, Inc., 2800 104th St S, Lekewood WA 90499	X		A03-02429-016	Nonheterdout solf				35.09		Norminal 22 cy in truck; weighed at TP5 scales - 70,180 Ros
7/13/09	Potoleum- contaminated acil (posoline), Biockpile #1 and #3, from excavation of demaged pipeline	City Transfer, Inc. P.O. Box 1043, Kant WA 80035	TPS Technologies, Inc., 2800 104th St 8, Lakewood WA 98489	×		A03-02429-017	Nonhazardous soll		-		31.27		Nominal 22 by in truck; weighed at TPS scales - 82,540 lbs
7/13/95	Petroleum- contentinated coll (gesoline), Stockpile #1 and #3, from excavation of damaged pipeline	City Transfer, Inc., P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 1045 St.8, Lakewood WA 88409	X		A03-02429-018	Nonharardous soil				32.41		Nominal 22 cy in truck; weighed at TPS scales - 64,620 lbs
	Petroleum- contaminated soll (gasoline), Stockplie F1 and F3, from excension of damaged pipeline	City Trensfer, Inc., P.O. Box 1048, Kent WA 98035	7P8 Technologies, Inc., 2800 104th St 6, Lekewood WA 98499	x		AD3-02429-019	Nonhazerdoue soll				25.75		Nominal 22 cy in buck; weighed at 1PS scales - 51,400 ibs
	Petroleum- contarriveted ant (gesoline), Stockpite #1 ond #3, from excavation of demaged pipeline	CRy Trensfer, Inc., P.O. Box 1645, Kent WA 80035	TPS Technologies, inc., 2000 10491 5t 8, Lekewood WA 98499	X	-	A03-02429-020	Nonhezerdous eal		· .		28.45		Nominal 22 cy in truck; weighed at TPB scales - 52,900 fos
7/13/98	Potoleum- contaminated soll (gesoline), Stockpile S1 and S3, from excavation of durinaged pipeline	City Transfer, Inc., P.O. Bax 1048, Kont WA 96035	TPS Technologies, Inc., 2800 104th St 8, Lakewood WA 98499	X		A03-02429-021	Nonhazwdous soll				24 09		Nominal 22 cy in truck; weighed at TPB scales - 48,160 tos

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Final Disposal Tracking Inventory Whatcom Greek Incident

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·			Disposal Facility	Loding	UNITA	Menifeet No	Description	Time:	Weler Volume	Ozsoline Volume	Bolt	Other (Poundy)	Type of Waste
Dete	Received From:	Transporter						Receive	(Gellons)	(Gettona)	(thel)	Troditoit	والنصر يغالل فتهندو ومشاديه وول
7/13/99	Lection(s) Petroleum- contenninated soli (gesoline), Stockpile \$1 and \$3, from excervision of demaged pipeline	City Transfer, Inc., P.O. Box 1048, Kent WA 90035	Lection(9) TPS Technologies, Inc., 2800 1049 St 8, Lekewood WA 88499	x		A03-02429-022	Nonhezerdoue soil				<u>25 13</u>		Nominal 22 cy in truc weighed at TPS scale 50,200 libs
7/13/00	Petroleum- contaminated soll (gesoline), Stactpille F1 and IT3, from excavation of demoged pipeline	Chy Transfer, Inc., P.O. Box 1048, Kant WA 90035	TPS Technologies, Inc., 2000 104th St B, Lekewood WA 90486	×		A03-02429-023	Nonhazerdous soli				27		Nominal 22 cy in tru volgtvad at TPS scat 54,000 iba
7/13/98	Petroleum- conteminated soft (gesetine), Stoctpile # and #3, from excertain of demaged pipeline		TPS Technologies, Inc., 2800 1040: St 6, Letewood WA 80499	×		A03-02429-024	Nonhezerdoue poli				27.93		Nominal 22 cy in in weighed at TPS sca 55,000 ibs
7/13/9	Petroleum- contamineted soll (geschne), Stockpde 9 end 83, from eucavetic of durneged pipoline	n WA 98035	TPS Technologies, Inc., 2800 10451 51 5, Lakenooc WA 88409	X		A03-02429-025	Nonhazerdous soft				27.79		Nominel 22 cy in il weighed at TP5 ac \$5,580 lbs
7/134	Peboleum- containtinated soll (geostine), Stockpile J and S3, hom excession of demograd pipelim	WA 98035	TPS Technologies, bo., 1 2000 10491 St 8, Lakewoo WA 98499	e X		A03-02428-028	Nonhazerdous sol				78.93		Nominal 22 cy in i weighed at TPS at \$3,860 Re
7/13/	Petroleum- conteminated soll	City Transfer, Inc. P.O. Box 1048, Kei an WA 88035	, TPS Technologies, Inc., nd 2000 104th St S, Lekewoo WA 86499	d X		A03-02428-027	Nonhezerdoue sol				23.71		Nominal 22 cy in weighed at TPS a 47,420 Rs
7/13/ 7/13/ 7/13	Petroleum- contaminated coll (geschine), Stoctpris end #3, from excerved of demograd pipelin	#1 P.O. Box 1048, Ke ion WA 98035		x be		AD3-02429-028	Nonhezerdoue eo	1			25.27		Nominal 22 cy in weighed at TPS s 50,540 lba

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Finel Disposal Tracking Inventory Whatcom Graek Incident

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				T	Leding	UHWHA	Menifeet No	Description	Time:	Water Volume	Geseline Yokene	Roll	Other	Type of Weste
Г		Received From:	Transporter	Disposel Facility	Litoning				Receive	(Gallons)	(Gatons)	(Tons)	(Pounds)	and the second se
	Date 7/13/99	Location(s) Petroleum- centaminated soll (geodine), Stockpile #1 and #3, from excavation	City Transfer, Inc., P O. Ben 1049, Kent WA 86035	Location(s) TPS Technologies, Inc., 2000 10461 St S, Lakewood WA 80499	x		A03-02429-029	Nonhezerdours soll				28 69		Nominel 22 cy in tructi; weighed at TPS scales - \$7,380 lbs
-	7/13/99	of demaged pipeline Patroleum, contaminated soll (gesoline), Slockpile #1 and #3, from excavellon of damaged pipeline	City Transfer, Inc., P.O. Box 1040, Kent WA 98035	TPS Technologies, brc., 2000 104th St 8, Lakewood WA 08400	X		A03-02429-030	Nonhezerdous soll				29 69		Nominal 22 cy in truck; weighed at 1P6 scales - 59,360 lbs
	7/14/99	Potoleum- contamineted sell (grachine), Bochpfle #2, from sucavation of damaged pipaline	City Transfer, Inc., P.O. Box 1045, Kent WA 85035	TPS Technologies, Inc., 2000 104th St 8, Lakewood WA 98479	x		A03-02429-031	Nonhezerdous soft				21.65		Nominal 23 cy in buck; weighed al TPS scales - 43,700 lbs
	7/14/99	Patroleum- contaminated sell (gesoline), Stockpile #2, from excavation of demaged pipelime	City Transfer, Inc., P O Box 1048, Kent WA 98035	TP3 Technologies, Inc., 2000 104th St S, Lakemoor WA 98499	x x		A03-02429-032	Nonharsrdous sol				22.72		Nontinal 22 cy in truck; weighed al TPS acates - 45,440 lbs
	7/14/9B	Petroleum- contaminated soll (gescline), Slockpile #2, from encavation of demaged pipeline	City Transfer, Inc., P.O. Box 1048, Ken WA 98035	TPS Technologies, Inc., 2000 104th St B, Lakewoo WA 98499	a x		A03-02429-003	Nonhszerdous soł				23 66		Nominal 22 cy in truck; weighed at TPB scales - 47,720 fbs
CONFIDENTIAL DO NOT COPY	7/14/88	Petroleum- contaminated soft (gesoline), Stockpile #1, #2, #3 from excertaion of damaged pipeline	City Transfer, Inc., P.O. Box 1048, Ker WA 98035		d X	· · ·	A03-02429-034	Nonhezerdous so	•			26.00		Nominal 22 cy in truck; valghed at TP8 ecales - 51,700 lbs
NTIAL Ack	7/14/98	Patroleum- contaminated soll (gasoline), Stockpile \$1, \$2, \$3 hom succession of damage pipeline	WA 90035	, TPS Technologies, Inc. rd 2000 104th 51 8, Lekewo WA 96499	×	-	A03-02479-035	Nonhezerdoue so	•			28.39		Nominal 22 cy in truch; weighed at TPS scales 52,780 ibe

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Final Disposal Tracking Inventory Whatcom Greek Incident

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ſ		Received From:	Transporter	Disposal Facility	Lading	UHIWM	Manifest No	Description	Time;	Weter Volume	Ossoline Volvine	Roll	Other	Type of Weste
	Date	Location(s)		Location(a)					Receive	(Ostions)	(Gyllons)	(Tons)	(Pounds)	مان المقاطعة بالجاري المحمل الماني المحمل الم
	7/14/98	Petroleum contaminated act (geoline), Stockpile \$1, 82, 83 from sucavation of damaged pipeline	Chy Transfer, Inc., P.O. Box 1048, Keni WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 95499	X		A03-02428-038	Nonhazardous soll				25.85		Nominal 22 cy in truck; wsighed at TPS scales - 51,700 fbs
	7/14/90	Pointeum- conteminated soft (geodine), Stockpile #1, #2, #3 from attravation of demaged pipeline	WA 08035	TPS Technologies, Inc., 2000 104th St 5, Lekewood WA 98499	X		A03-02429-037	Nonhazardoua soli				24.88		Nominal 22 ay in inuck; weighed at TPS scales - 49,700 Re
	7/14/50	Potroleum- centaminated soft (gasofine), Stockpile #1, #2, #3 hom excavebon of damaged pipeline	Cky Transfer, Inc., P.O. Box 1048, Kent WA 80035	TPS Technologies, Inc., 2900 1040 St 8, Lekewood WA 80499	X		A03-02429-038	Nonhazardous soll				22.48		Nominal 23 cy in inuti; weighed at 1P8 scales - 44,060 ibs
	7/14/09	Potrelaum- contaminated soli (grasofine), Stochpile \$1, \$2, \$3 hom excevation of damaged pipetine	City Transfer, Inc., P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 10417 51 5, Lakewood WA 90489	X		A03-02429-039	Nonfuezardous sol				22.12		Nominal 22 cy is buck; weighed at TPS scales 44,240 lbs
70	7/14/99	Petroleum- contaminated soll (gasoline), Stochpile \$1, \$2, \$3 from accevetion of damaged pipeline	WA 98035	TPS Technologies, inc., 2000 104th St S, Lekewood WA 90499	x		A03-02429-040	Nonhazardous soll				28.04		Nominal 22 cy in buck; weighed at TPS scales 52,060 fbs
CONFIDENTIAL	7/1 4/80	Publicium contaminuted pall (gasoline), Stockplie #1, #2, #3 hom sucavetion of damaged pipeline	WA 88035	TPS Technologies, inc., 2000 10411 SI S, Lakewood WA 90409	x		A03-02429-041	Nonhezerdous sof				22.87		Nominal 22 sy in buch; weighed at TPS scales - 45,740 its
Act Mill	7/14/98	Petroleum- contaminated soll (geseline), Stachplie #1,#2,#3 from excavation of dameged pipeline	City Transfer, Inc., P.O. Box 1048, Keni WA 98035	TPS Technologies, Inc., 2000 104th St S. Lekewood WA 98499	×		A03-02478-042	Nonherendous soft				25.22		Nominal 22 cy in buck; weighed at TPB aceive 50,440 ltte

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Finel Disposel Tracking Inventory Whatcom Greek incident

Date	-	Received From: Locetton(9)	Transporter	Disposel Facility	Lading	UNIWA	Manifest No	Description	Time: Receive	Water Volume (Gallone)	Gaeoline <u>Volume</u> (Gatore)	Bott (Tons)	Other (Pounds)	Type of Weste
7/14/0	• [`	Petroleum- contaminated soli	City Transfer, Inc., P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th St B, Lekewood WA 88499	×		A03-07429-043	Nor evolvesating				27.52		Nominel 22 cy in truc weighed at TPS scale 55,040 lbs
7/14/8		ump veuit dewatering. ongoing recovery for City inspection/repeir	WestPac Environmental Inc.	Puget Sound Refining Co (Equiton), 8505 South Texes Roed, Anacortes WA 90221	x		19676	Environmentally hezardous substance, liquid, n a s (gasoline, xylene), UN3006, PG II		8,600				Gescline affect we sample WCI-PV62290 to classify as non-Ri
7/54/	99	Pump yourt downtering, angoing tecovery for City inspection/repoir	WestPec Environmental Inc	Puget Sound Refining Co (Equilon), 8305 South Texas Road, Anacortes WA 98221	x		19677	Environmentality hezerdous substance, liquid, n o s (gesoline, xytene), UN3086, PG II		8,600				Gesofine affect we sample WCI-PV8228 to cleasify as non-P
7/15/		Pump veuit dewatering, ongoing recovery for City inspection/repair	WestPac Environmental Inc.	Puget Sound Refining Co (Equilon), 8505 South Texas Road, Anacortes W/ 88221	X		19969	Environmentally hezardous substance Rquid, n.o.s. (gesoline xytene), UN3086, PG		8,600				Gesoline affect w sample WCI-PV022 to clessify as non-
7/15		Product (gesoline) and water from Baker Tank §1 recovered from stimming operations a Hanna and Whatcom Creets (755 gellors) and pipeline purging (3,819 gellors)	e WestPac Environmental Inc.	Pupet Bound Refining Ce [Equilon], 8505 Souff Texas Roed, Anacarles W 98221	×	-	10972	Flammeble liquid n.o. (gasoline), 3, UN199: PG II		5,905	2,094			4,674 gellons of ge recovered from i operations, pipetine & abored in Baha product silocated in loads required to Beker Tank #1 on ort, 2,004 gellone aquivalent in 0,000 load
7/15	5/99	Product (genetino) on water from Baker Tari 61 — recurred from skinwing operations / Henne and Whatcom Creeks (755 gelfone) and pipeline purging (2,819 gellone)	k M WestPac H Envkonnental Inc	Puget Bound Refining Co (Equiton), 8505 Bout Texas Road, Anacortes V 96221			19973	Fiernmebte Rquid n e (gesoline), 3, UN199 PG II	.s .s	4,120	1,80	0		4,574 gefore of g recovered from eperations, pipeline & stored in Beh product allocated in loads required its Bohar Tank #1 or ext 1,000 gefor equivalent in 8,00 loads load

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Final Disposal Tracking Inventory Whalcom Greek Incklani

			Disposal Facility	Leding	UHIWM	Menifest No	Description	Time:	Water Volume	Ozsoline Volume	Soll (Tens)	Other (Peyroda)	Type of Weete
Date	Received From:	Transporter	Location(s)					Receive	(Gellore)	(Oplique)			
7/17/98	Location(s) Contaminated water from pump station vault	WestPac Environmental Inc.	Puget Sound Refining Ca (Equitor), 8505 South Taxes Road, Anecates WA 98221	x		18527	Environmental Hazardous Substance, Liquid n o a (gesofine, xylene), 8, UN 3086, PGM		8,800				Gesoline affect webs sample WCI-PV62299 t to classify as non-RC
7/19/99	Petroleum- contaminated soll (gasoline), Stockpile 83, creek eucarstion by GeoCng/Olacier	City Transfer, Inc., P.O. Box 1048, Kard WA 80035	TPS Technologies, Inc., 2000 104th St 6, Lekewood WA 80469	X		A03-02429-044	Nonhazardous soll			-	24.32		Nominal 22 cy in inv weighed at TPS scale 48,840 lbs
7/19/00	Patrolaum- containtinated soft (gasofine), Blockpffe B3, creek ancavelion by GeoEng/Glecier	City Transfer, Inc., P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St 8, Lakewood WA 55499	×.		A03-02429-045	Honharardous soft				23.50		Nominal 22 cy in br weighed at TPS sca 47,120 lbs
7/19/99	Peboleum- contaminated soft (gasoline), Stockpile 83, creek excavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 10405 Si S, Leitenooc WA 98499	×		A03-02429-048	Roe zuobrezerinoli				20.91		Nominal 24 cy in in weighed at TPS act 53,820 libe
7/19/90	Petroleum- contaminated soll (gasoline), Stochalle \$3, creek excavation by GeoEng/Glacier	City Transfer, Inc., P.O. Box 1048, Ken WA 98035	TP5 Technologies, Inc., 1 2003 104th 81 5, Letewoo WA 96499	d X	-	AD3-02429-047	Nonhezerdous soll				27.3		Nominal 22 sy in il weighed at 175 ac 54,800 lba
7/19/99	Potroleum- contaminated soll (gesoline), Stockpile #3, creek excervition b GeoEng/Glactor	City Transfer, Inc., P.O. Box 1043, Ker WA 99035		X		A03-02429-045	Nanhazerdoue pol				25.95		Nominal 22 cy in 1 weighed at TPS ac \$3,920 lba
7/19/01	Patroleum- contamineted sell (gasoline), Stochpie 63, creek aucavation (GeoEnp/Glacier	City Trensfer, Inc. P.O. Box 1048, Ke WA 88035	TPS Technologies, Inc. 11 2000 10445 St 8, Lekeno WA 96499	x ho		A03-07479-049	Nonharendous so				29.44		Nominal 24 cy in weighed at TPS o 56,830 lbe

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Final Disposal Tracking Inventory Whatcam Greek Incident

		T		Leding	LIHWIN	Manifest No.	Description	Time:	Water Volume	Oesoline Votume	Bolt	Other (Pounds)	Type of Weste
Date	Received From:	Transporter	Disposal Facility					Receive	(Gellons)	(Getore)	(Torre)	0.04000	
7/10/00	Locator(1) Petroleum- contaminated soft (gesofine), Stockpile #3, creek excevation by	City Transfer, Inc., P O. Box 1048, Kent WA 80035	Lpcation(1) TPS Technologies, Inc., 2800 104th & S. Lakewood WA 86499	x		A03-02429-050	Nonhazardous soll				27.07		Nominal 22 cy in bu weighed at TPS sca 54,140 lbs
7/19/59	GeoEng/Giacter Putroleum- contaminated soli (geoofine), Electrolie 93, creek succession by GeoEng/Glacter	City Trenafor, Inc., P.O. Bas 1048, Kent WA 98035	1PS Technologies, Inc., 2000 104th SI 8, Lehewood WA 98499	×		A03-02429-051	Nonhazardoua soli				25.33		Hominal 22 cy in 6 weighed at TPS ec 50,060 Rs
7/18/00	Peboleum- contaminated soll (gesoline), Stockpile \$3, creek encavetion by GeoCng/Giscler		TPB Technologies, Inc., 2000 104th SI 8, Lakewood WA 88499	. *		A03-02428-052	Nonhazardous soli				26.78		Nominal 24 cy in t weighed at TPS ac \$3,520 Re
7/19/09	Petroleum- contaminated soll		TPS Technologies, inc., 2000 104th St 8, Lekewoo WA 90499	d X		A03-02429-053	Nonhazerdous soll				27.65		Nominal 24 cy in weighed at TPS = 55,300 km
7/19/01	Petroleum- contaminated soll (gasoline), Stockpile 63, creat: aucavation t GeoEng/Glacier	WestPec Environmental Inc.	TPB Technologies, Inc., 2800 104th 51 8, Lakewoo WA 98499	x x	<i>י</i>	A03-02429-054	Nonhezerdours soll				7.63		Nominal 10 cy in H Weathea truck; we TPS scales - 15
7/19/9	Putroloum- containtimited soft (gesofine), Stachplit \$3, creek, excernation GeoEng/Glacter	City Transfer, Inc., P.O. Bait 1049, Ken WA 99035	TPS Technologies, Inc., 1 2000 104th St B, Lekevo WA 90499	 x ba		A03-02429-055	Nonhazardous so				27 02	-	Nominal 22 cy b weighed at TPB (54,040 km
7/19/2	Petroleum- contaminated soll (gecolino, Stackpil 83, creek excavation GeoEng/Glacter	 P.O. Box 1048, Ke 	, TPS Technologies, inc rt 2003 10-th 51 8, Lekewa WA 98499			A03-02428-056	Nonhazardous ao				26		Nominal 22 sy i weighed at TP5 52,000 R

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Final Disposal Tracking Inventory . Whatcom Greek Incident

							<u> </u>	Description	time:	Water Volume	Gesoline Volume	Soll	Other	Type of Weste
			Transporter	Disposal Facility	Leding	UHWM	Manifest No	Description	Receive	(Gellone)	(Gellons)	(tene)	(Pounds)	والمربو القريب المراجع
Date		elved From:		Location(s)				والمتحدث والمتحدث والمتحدث والمتحدث والمتحدث والمتحدث						· · · ·
7/19/9		ofine), Stockpile	City Transfer, Inc., O. Box 1048, Kent WA 80035	1P5 Technologies, Inc., 2000 104th St 5, Lekewood WA 80499	X		A03-02428-057	Nonhazerdous soil				28.09		Nominel 22 cy in truck; weighed at TP5 scales - 56,180 Re
7/19/		Patroleum- reaminated soft softne), Stockpite reak ancavation by	City Transfer, Inc., P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 1049: St 8, Lehewood WA 98499	×		A03-02429-058	Nonhazardous sol				26.95		Nominal 22 cy in truck weighed at TPS scales 53,920 lbs
-	G	Petroleum-		TPS Technologies, Inc., 2000 10411, SI 6, Lekewood	×		A03-02429-059	Nonhazerdous solf				27.15		Nominel 22 cp in inv weighed at TPS scale 54,300 lbs
7/19	- In c	realme), Stockplie creak aucavation by GeoEng/Glacier	WA 20035	WA 85499				·						Nominal 24 cy in bu weighed at TPS scal
7/19	999 (gr	Petroleum- contaminated soll scoline), Stockpile creak encavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th 81 5, Lekewoo WA 98489	d X		A03-02428-080	Nonhezerdous sof				29.04		58,000 lba
	9/99 (g #3.	Petroleum- contaminated soft pesoline), Stockpile , creek excention by	City Transfer, Inc., P.O. Box 1048, Ker WA 86035	TPS Technologies, Inc. 1200 104th St S, Lekewo WA 90499	nd X		A03-02428-081	Nonhezerdoue so	•			27.9	5	Nominal 22 cy in h weighed at TPS sc 55,900 lbs
CONFIDENTIALA (S		GeoEng/Giscler Putroloum- contaminated soll (gasoline), Stockpile 3, creek excavation b		nt 2800 104th 8t 8, Lekawa WA 98499	iot X	- 1	A03-02429-082	Nonhezerdous so		, 1		30.1	39	Nominal 24 cy in il veighed at TPS sc 01,120 lbs
NTIALA		GeoEng/Glacier Putreloum- contaminated soft (gesoline), Stockpile 3, creek succestion	City Transfer, In P.O. Box 1048, K	1., TPB Technologies, hr 2000 104h 8t 5, Laken WA 86499	 5., 000 f)	 (A03-02429-003) Nonhezerdous s	c#			28.	64	Hominal 24 cy in weighed at TPB a 57,280 fba

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Final Diapocal Tracking Inventory Whatcom Greek Incident

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					Leding	LINNYM	Manifest No	Description	Time:	Water Volume	Geeoline Volume	808	Other	Type of Waste
		Received From:	Transporter	Disposal Facility	Laowed				Receive	(Gallone)	(Gallors)	(Imp)	(Pounds)	
-	Dete	Location(a)		Location(s)								28.77		Nominal 24 cy in truck; weighed at TPS scales -
	7/19/00	Ilog belenimeter	City Transfer, Inc., P.O. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th 81 S, Letewood WA 90499	*		A03-02429-084	Nonhezardous soll						57,540 lbs
	7/21/99	Petroleum- contaminated soll (gesoline), Stockpile #3, creek encavation by GeoEng/Glacler		TPS Technologies, inc., 2000 104th St S, Lekewood WA 98499	x		A03-02429-085	Nonhazardous soll				28,68		Nominal 22 cy in buck; weighed at 176 scales - 53,360 lbs
	7/21/09	Poboloum- contantinetad soli (gesoline), Stockpile 63, creek encevelan by GaolEng/Giacles		TPS Technologies, Inc., 2000 104th SI 6, Lekewood WA 90499	×		A03-02429-088	Nonhazerdous soli				27.90		Nominal 22 cy in truck; weighed at TPS scales - 55,800 lbs
	7/21/09	Petroleum contantinated soll (gasoline), Stockpile 93, creek encavation by GeoEng/Giacter		TPS Technologies, Inc., 2000 104th St 8, Lakewoo WA 88499	d X		A03-02428-087	Nonhezerdous soff				25.98		Nominal 22 cy in buck; weighed at TPS scales - \$1,810 lbs
	7/21/09	Petroloum- conteminated soll	City Transfer, Inc., P O, Box 1048, Ken WA 88035	TPS Technologies, Inc., 2800 104th 51 S, Lekewoo WA 95499	e X		A03-02429-068	Nonhezerdours coll				25.29		Nominal 24 cy in trust; weighed at TPS scales - 50,500 Ros
DONFID	7/21/99	Patroleum- contaminated self (pasoline), Stockplie 83, creet, ancavelion I GeoEng/Glacier	City Trensfer, Inc. P.O. Box 1048, Ker WA 90095	TPS Technologies, Inc. 2000 104th St S, Lehewo WA 96499	x bo		A03-02429-009	Nonhazardous sol	•			25.09	_	Nominal 22 cy in truck; weighed at TPS scales - 50,180 ibs
CONFIDENTIAL ^{ACE} DO NOT COPY	7/21/8	Potreloum- contaminated pail (geosites), Stockpit 83, crock excertion GeoEnp/Glacter	City Transfur, Inc P.O. Bar 1048, Ke by WA 98035	 nt 2000 104th 81 5, Lehavi WA 98499			A03-02428-070	Nonhezerdous so	•			27.9		Nominal 24 ay in truck; weighed at TPS scales \$5,820 lbs

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Final Disposal Tracking Inventory Whatcom Greek Incident

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	I	Transporter	Disposal Facility	Leding	UHWM	Manifest No	Description	Time:	Water Volume	Qesoline Yytune	Soll	Other	Type of Weste
Data	Received From:	1/Brisboriel	Location(*)					Receive	(Gellone)	(Gationa)	_(Tom)_	(Pounda)	
7/21/99	Location(?) Potroleum- contamineted soll (gesoline), Blockpile P3, creek excervation by GeoEmp/Glacier		TP8 Technologies, Inc., 2000 104th SI 8, Lekewood WA 96499	X		A03-02429-071	Nonhezerdous soll				24.29		Nominal 24 cy in in weighed at TPS scal 40,580 ibs
7/21/89	Patrolaum, contaminated soll (gasoline), Stockpile 81, crook emberedion by GooEng/Giacter		TPB Technologies, Inc., 2800 104th St 8, Letewood WA 83499	x		A03-02429-072	Nonhezerdous vol				26.08		Nominal 22 cy in in weighed at TP6 aca 52,180 lbs
7/21/00	Petroleum- contaminatod soli (gasoline), Stockpile 91, cresk encovation by GeoEng/Glacter		TPS Technologies, Inc., 2000 104th SI 3, Lekewood WA 93499	x		A03-02428-073	Nonhersidoue solf				25.47		Nominal 24 cy in 6 weighed at 1775 sc 50,840 lbs
7/21/99	Petroleum- contaminated soft (gasoline), Stockpite \$1, creek encovetion br GeoErg/Glacier	City Transfer, Mc. (Fuck = Silverstreak P.O. Box 1048, Ken WA 98035		e X		A03-02429-074	Nonhazerdous soll				25.12		Nominal 22 cy in weighed at TPS m 50,240 ibs
7/21/09	Petroleum- contaminated soli (gasolina), Stockpile \$1, croek excavation b GeoEng/Giscier	City Trensfer, Inc. (Inuck = T-Mex), P C Box 1048, Kert W/ B0035		e x		A03-02429-075	Nonhazardous soft				20.64		Nominal 24 cy in weighed at TPS = 53,200 Re
7/21/8	Potoloum contaminated soli (gassline), Stockpile #1, creek encevetion to GeoEng/Glacker	Chy Trinafer, Inc. (ruch = T-Mar), P.(Box 1049, Kerd W/ 90035	0. 3000 1040 St & Letern	X		A03-02429-078	Nonhazardous soll				27.27		Nominal 24 cy in weighed at TPS a 64,540 ibs
7/21/0	Petroleum- conteminated acti (gasoline), Stackpik #1, creek excention GeoEng/Glacier	City Trensfer, Inc (suck = T-Max), P Box 1048, Kert W 80035	0			A03-02429-077	Nonhezardous sol		r L		25 65		Nominal 24 sy in weighed at TPS t 51,700 lbs

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Final Disposel Tracking Inventory Whatcom Greek Incident

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	T			Lading	UHWN	Manifest No	Description	Time:	Water Volume	Ossoline Volume	Boll	Other	Type of Waste
Dete	Received From:	Trensporter	Disposal Facility					Receive.	(Gallons)	(Gellont)	([0779)	(Pounda)	والمائدة والمستواب والمستواب
7/21/99	Location(5) Paboleum- contaminated aoli (gasoline), Stockpile p1, creek encavellon by GeoEng/Glacler	City Transfer, Inc. (truck = T-Max), P.O. Box 1048, Kert WA 98035	Location(9) TPB Technologies, Inc., 2000 104th St S, Lakewood WA 98409	x		A03-02429-078	Nonhazardous soll				28.68		Nominal 24 cy in it weighed at TP5 sc 57,300 ibs
7/21/99	Peboleum- contemineted soft (gesoline), Blochpile 81, creek excavation by GeoEng/Glacler	City Transfer, Inc. (Fuck = T-Mail), P.O. Box 1046, Kert WA 98035	TPS Technologies, Inc., 2800 104m St 8, Lekewood WA 88,499	×		A03-02429-078	Nonhazerdous soll				28.37		Nominal 24 cy in 1 weighed at TPS ac 55,980 lbs
7/21/09	Petroleum- conterninated soll (gesoline), Stockple 91, creek encevation by GeoEng/Gincler	City Trensfer, Inc. (truck = T-Max), P O Bax 1048, Kert WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 95499	y X		A03-02429-090	Nonhezerdoue soll				27.95		Nominal 22 cy in weighed at TPB a 54,740 lbs
7/21/84	Petroleum- conteminated soft (geschre), Stockpile 91, creek sucsvation b GeoEng/Glacter	Chy Transfer, Inc. (fruch = T-Max), P.C Box 1048, Kent WA 90035	TPS Technologies, Inc., 2800 104th St 6, Lekewoo WA 98499	4 X		A03 02429-081	Nonhazerdours soll				27.37	•	Nominal 22 cy in weighed at TPS 1 57,740 fbi
7/21/94	Peboleum- contamineted soll (gesoline), Stochpile \$1, creek excavation b GeoEng/Glecier	City Transfer, Inc. (suck = T-Mar), P (Box 1048, Kert W/ 98035	D 2000 104h St 6. Lekevo		-	AD3-02429-082	Nonhezerdous solf				24.21		Nominel 22 cy i weighed at TPS 40,420 lb
7/21/0	Petroleum- contamineted soli (gesoline), Stockpin \$1, creek excervition GeoEng/Glacier	City Transfer, Inc. (ruck = T-Man), P Box 1048, Kert W 98035	O. 2000 104th St S. Lakewo			A03-02429-083	Nonhazerdous sol				23 37		Hominal 22 cy i weighed at TPS 46,740 ib
7/21/	Petroleum- contaminated coll (gesoline), Slockpil P1, creek excavation GeoEng/Glacier	Barr 1048 Kard V	O. anon south St & Laken			A03-02429-084	Nonhezerdoue ed				20,95		Hominal 22 cy weighed at TPS 53,000 H

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Final Disposal Tracking Inventory Whatcom Creek Incident

	Received From:	Transporter	Disposel Facility	Loding	UHWM	Monifest No	Description	Time:	Water Volume (Gallong)	Osecilne Volume (Galione)	Soll (Tens)_	Other (Pounds)	Type of Weete
Date			Location(s)					Receive	(Quran)				
7/21/99	Location(3) Potroleum- contaminated soli (gesoline), Stockpile #1, creek ancovetion by GeoCrag(Stecler	City Transfer, Inc. (suck = T-Max), P.O. Box 1048, Kard WA 90035	1PS Technologies, Inc., 2000 104% St 8, Lakewood WA 90409	x		A03-02470-085	Nonhezerdoue soll				25.67		Nominal 22 cy in bi weighed at TPS sca 51,340 km
7/21/99	Petroleum- contaminated soll (gesoline), Elockpile 81, creek encevation by GeoEng/Glacter	City Transfer, Inc. (Yuck = T-Max), P.O. Box 1048, Kerk WA 99035	TPB Technologies, Inc., 2000 104th Si 3, Lekewood WA 80489	X		A03-02429-008	Nonhazerdoue soll				23.73		Nominal 22 cy in il volghod at TPS sc 47,400 lbs
7/21/90	Petreleum- centamineted soll (gesoline), Stockple 81, creek encavation by GeoEng/Glacier	City Transfor, Inc. (auck = T-Min), P.O. Box 1043, Kent WA 98035-	TPS Technologies, Inc., 2000 1048h St 5, Lekewood WA 88498	×		A03-02428-087	Nonhezerdoue soli				52.14		Nominal 22 cy in weighed at TPS sc 64,280 ibs
7/21/09	Petroleum- contaminated sell (gascline), Stockpile 81, creek excevation by GeoEng/Giacter	City Transfer, Inc. (truck = T-Max), P.O. Box 1046, Kent WA 90035	TPS Technologies, Inc., 2000 104th SI S, Lekewood WA 80499	X		A03-02429-088	Nonhazerdous soll				28.45		Nominal 24 cy in weighed at TPS = 56,800 Re
7/23/0	Product (gesotine) and water from Eaker Tank #1 - recovered from pipeline purging (161 gal) and excavation operations at Henne Creek		Puget Bound Refining Co (Equilion), 8505 South Toxas Road, Anecortos W/ 88221	X		18977	Fiammable Equid n.o (gasoline), 3, UN120 PG II		8,304	2,290	3		4,693 gallone of g recovered from om operations, pipoline stored in Bales #1, efficial to the fix required to empty Tank #1 on 7/23 2,296 tons of gas of in 8,200 gellon
7/25/0	Product (gesofine) and weter from Baher Tani #1 recovered from pipetine purging (161 gal) and encoverion operations at Hennis Creek	k WestPac Environmental Inc.	Puget Sound Refining Co (Equilun), 8505 South Texas Roed, Anecorles W 85221	A X		18978	Flemmable Rould n a (gesoline), UN1203 PG II		6,303	2,79	7		4,083 gallone of g recovered from an operations, physical stored in Baker #1 allocated to the to required to empt Tark #1 on 722 2,297 tons of get in 6,200 gallot
7/27/1	Petroleum- contaminated soli (gasoline), Stockplit	by P.O. Box 1048, Ker	TPS Technologies, Inc., 2000 104th 51 S, Lakewoo WA 86499		-	A03-02479-009	Nonhazardous so	•			20.03		Nominal 22 cy i weighed at TP8 57,200 R

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Finel Disposel Tracking Inventory Whatcom Greek Incident

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		T			Lading	UNION	Manifest No	Description	Time:	Weter Volume	Oesoline Volume	Bolt	Other	Type of Weete
)ete	Received From: -	Transporter	Disposel Facility					Receive	(Gefone)	(Gellene)	_(1505)_	(Peynde)	
	27/99	GeoEng/Glocler and	City Transfer, Inc. (truck = Silver Streek) P.O. Box 1048, Kent WA 99035	TPB Technologies, Inc., 2000 1049 51 8, Lekewood WA 98409	× .		A03-02428-098	Nonhazardous soft				2409		Nominal 22 cy in truck; weighed at TPS acales - 48,100 lbs
77.	127/99	72, creek excevedion by GeoEng/Glacler and Olympic Pipeline	City Transfer, Inc. (huch = Silver Silverk) P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc. 2000 104th St S, Lekowood WA 98499	X		A03-02429-099	Nonhagardous eol				23.38		Nominal 22 cy in buck; weighed at TPS scales - 40,700 lbs
7/	127/99	escavetton Potroleum- contaminated soli (gesoline), Stochpile 92, creek excevation by GeoEng/Glacter and Otympic Pipeline	City Trensfer, Inc. (Fruct: = Silver Street: P.O. Box: 1045, Kent WA \$5035	TPS Technologies, Inc., 2800 104th 81 S, Lakewood WA 93499	×		A03-02429-100	Nonhezerdoue soll				2437		Nominal 22 cy in truck; weighed at TPS scales 48,740 lbe
,	7/27/99	Petroleum- Contemineted soll (gesoline), Stockpile #2, creek encavation by GeoEmpGlacker and Okympic Pipeline	City Transfer, Inc. (truck = Gaty NcCann) P O Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th SI 5, Letewood WA 98499	×		A03-02428-101	Nonhezendous soll				22.83		Nominal 22 cy in truch weighed at TPS scales 45,000 lbs
-	7/27/89	ercevation Petroleum- contenninated soli (gesoline), Stockpile #2, creek escavation b GeoEng/Glacker and Otympic Pipeline eucrystion	City Transfer, Inc. (Fruck = T.Mau) P.C Box 1048, Kerd W/ 98035		d X		A03-02428-102	Nonhazardous sol				27.1		Nominal 22 cy in truc weighed at TPS scale 54,200 Ro
	7/27/99	Petroleum- centeminated soll (gesoline), Stockpile	Y P.O. Bort 1048, Ke		×		AD3-02429-103	Nonhazardous ao				26.73		Hornihal 22 cy in true weighed at TPS scale 53,400 lbs
CONFIDENTIAL	7/27/99	Petroleum- conteminated soll (geseline), Stockpill	by PO Box 1048 Ke	() 2000 104th St S. Leterro			A03-02429-104	Nonhazardous eo	•			30.64		Hominel 24 cy in tru weighed at TPS scal 61,300 lbs
NHAL AUS	7/27/91	Patroleum- contaminated soll (gesoline), Stockpil	by P.O Box 1048, K	att) 2000 104th SI S. Later			A03-02429-105	Nonhezerdous s				26.0	,	Heminal 22 cy in tru weighed at TPS scal 67,740 lbs

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Final Disposal Tracking Inventory Whatcom Greek Incident

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		Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Oseoline Volume	Boll	Other	Type of Waste
Date	Received From:	Iranaporrai					a and a second se	Receive	(Gellons)	(Gellong)	_(Tens)	(Persti)	
7/27/99	Location(f) Petroleum- contaminated soll (gesoline), Stochpile 62, creak excavation by GeoEng/Glacker and Olympic Pipeline excernation	City Trensfer, Inc. P.O. Box 1048, Kent WA 86035	Lpcriigh(s) TPB Technologies, Inc., 2800 104th SI S. Lekewood WA 86499	x		A03-02429-090	Nonhazerdous soll				28.6		Nominal 22 cy in iru weighed et TPS sca 53,200 lbs
7/27/89	Petroleum- Petroleum- contamineted soll (gessline), Stockpile #2, creek sucavation by GeoEng/Clacker and Otympia Pipeline escavation	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S. Lehennood WA 80488	X		A03-02429-001	Nonhezerdous sol				28.49		Nominal 22 ey in it weighed at TP6 sc 56,920 ibs
7/27/09	Petroleum- contentinoted poli (gasetine), Stachpile #2, creat, excervation by GeoEng/Stacier and Otympic Pipeline excernition	City Transfer, Inc. P.O. Box 1048, Kant WA 99035	TPS Technologies, Inc., 2000 104th SI S, Lekewood WA 85499	X		A03-02429-092	Nonhazərdous sofi		2		29.16		Nominal 22 oy in weighed at TP6 a 58,320 iba
7/27/99	excervition Petroleum- contaminated poli (gasoline), Stochpile 92, creak excervition in GeoEng/Giacier and Citympic Pipeline excervition	City Transfer, Inc. P O. Box 1048, Kari WA 98035	TPS Technologies, Inc., 2800 104th St 8, Lakewood WA 98499	X		A03-02428-093	Noninezerdous soll				29.75		Hominal 22 cy in weighed at TPS a S0,500 lbs
7/27/00	Petroleum- conteminated soli (gesoline), Stockpile	City Trensfer, Inc. P.O. Box 1048, Ken WA 98035	TPS Technologies, Inc., 2000 104th SI 6, Latewaac WA 90499	s X		A03-02429-084	Nonhazerdous soit				28.17		Nominal 22 cy k weighed at TPS 56,340 lbs
7/27/80	Petroleum- conteminated soll (gesoline), Stockpile	City Transfer, Inc. y P.O. Box 1048, Ken WA 00035	TPS Technologies, Inc., 1 2800 104th St 8, Lekewoor WA 98499	e x		A03-02429-095	Nonhezerdous col				29.54	-	Huminal 24 cy k weighed at TP5 50,000 k
7/27/00	Petroleum- conternineted sell (gesoline), Stockpile	y PO. Box 1048, Kei	TPS Technologies, Inc., 12 2800 104th SI & Lekewoo WA 88485	d X		A03-02429-069	Nonhazardous sol	1			28.65		Nowinal 22 cy l weighed at TPS 56,720 fb
7/27/94	Petroleum- contaminated soll (geseline), Stockpli	Y DO Bou 1048 Ka	th) 2000 104th St B Lakener			A03-02429-097	Nonhezerdous so				25.0		Nominal 24 cy wsighed at TPS \$1,880 L

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Final Dieposal Tracking Inventory Whatcom Creek Incident

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				Disposal Facility	Lading	UHWM	Monifest No	Description	Time:	Water Volume	(Getona)	Soft	(Pounds)	Type of Waste
Dete	Received	From:	Transporter	and the second sec	·			Statement of the second se	Receive	(Gellone)		and a second second		
7/29/99	Locatio Petrole contamine (gasoline), t	um- ted solt Stockpile	City Transfer, Inc. P.O. Box 1049, Kent 2 WA 98035	TPS Technologies, Inc., BOO 104th St S, Lekewood WA 86400	X		A03-02428-109	Nonhazerdous solt				27.76		Nominal 22 cy in truck weighed at TPS acale 55,520 Lbs
7/29/98	#3, creek exc GeoEng/ Petrole conternine (geocline),	Glecier Nim- ted solt Blockpile	City Transfer, Ins.	TPB Technologies, Inc., 1600 104th St S, Lakewood WA 98489	×		A03-02428-107	Nonhezerdous soil				28.39		Nominal 24 cy in But unighed at TPS scale 28 39 Lbs
7/28/94	#3, creek ext GeoEng/ Petrok contemin	avation by Glacier Num- ned solf	WA 98035 City Transfer, Inc.	TPS Technologies, Inc., 2000 104W St 5, Lekewood	×		A03-02428-108	Nonhezerdous soll				29 02		Nominal 24 cy in tru weighed at TP8 scal 58,040 Lbs
	93, creek en GeoEng Petrol contemin	cevation by (Glacier eum- ated soll	90035 City Transfor, Inc. (Inucl. = Silver Streek)	WA 96499 TPS Technologies, bic., 2000 104th St S, Lakewood	X		A03-02429-109	Nonhezerdous solt				27.2		Nominal 22 cy in by weighed at TPS sca 54,400 Lbs
7/29/9	#3, creek # GeoEng Petro	cevetion by /Glociet leum-	P O. Box 1048, Kenil WA 98035 City Trensfer, Inc.	WA 90499 TPS Technologies, Inc.,			A03-02429-110	Nonhazardous soll		-		26.70		Nominal 22 cy in to weighed at TPS acc 53,580 Lbs
7/29/0	e (gesofine) #3, creek # GeoEn	neted soil 6 Stockpile acavation by p/Glacier	(truck = 8tiver Streek) P.O. Box 1045, Kent WA 98035 City Transfer, Inc.	2000 104th St S, Lakewoo WA 96499	* ×							28.82	+	Nominal 22 cy in 1 weighed at TPS M
7/29/	contenti (gesoline #3, creek #	Neum- nated soff), Stockpile wcavation by g-Glacier	(truck = Gery McCann) P O Box	TPS Technologies, Inc., 2000 104th 81 S, Lekewood WA 98499	×		A03-02428-111	Nonhezerdous soll				20.62		57,640 Lbs Hominel 24 cy in
7/29/	Petro contami (gasolim) #3, creek	oleum- inated self), Stockpile pucavation by 1g/3lacier	City Transfer, Inc. (truck = Silver Street P O. Box 1048, Kerr WA 98035	TPS Technologies, Inc., 2800 1049 81 S. Lekewor WA 98499	x be		A03-02428-112	Nonhazerdous sol				20.71		weighed at TPS = 50,420 Lbs Nominel 22 cy in
7/29/	Peter Contain (gesoline \$3, creak	oleum- Insted soll 9), Stockpile pscavation b	City Trensfer, Inc. (Inucl. = Silver Street P.O. Box 1048, Ker WA 86035	TPS Technologies, Inc. 2000 104th St 8, Lekevo WA 96499			A03-02429-113	Nonhazərdov6 sol				27.71		weighed at TPS a 55,540 Lbs
7/29	GeoEl Pet contant (gesolin	ng/Glacler rolaum- ninated soll e), Stockpile succevation t	City Transfer, Inc. (ruck = T-Mail) P (Pox 1043, Kert W	TPS Technologies, Inc 2000 104th St S, Lakews WA 98499			A03-02429-114	Nonhazardous so				32.1	•	Nominal 22 cy in weighed at TPS (84,200 Lb
7/29	Quee Par contar (gasolin	ng/Glacier troleum- ninsted soll te), Stockpille tercevation	City Transfer, Inc (truck = Oary McCann) PO Be	TPS Technologies, m			A03-02429-115	Nonhazerdous so				30.1		Nordnal 22 cy i weighed at TPS 60,200 Lb
7720 7720 7720	Geof Pe Conta (geodine	roleum- mineted soll ne), Stockpill L escavetion	98035 City Transfer, Inc (truck = Gery McCann) P O Bi	TPS Technologies, W 2000 104th SI S. Lakew			A03-02428-110) Nonhezerdoue sc	Re			31.0)1	Nominal 22 cy i weighed at TPS 62,020 Lt

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Finel Disposel Trecking Inventory Whetcom Creek Incident

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	Received From:	Transporter	Disposel Pacifity	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Qasoline Volyme	Soli	Other	Type of Weete
Dete			Location(s)					Receive	(Gellana)	(Gattona)		(Pounda)	
7/30/98	Locetion(s). Petroleum- contamineted soli (geseline), Stockpile \$3, creek ancevetion by GeoEng/Chacler	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th SI S, Lekewood WA 98499	X		A03-02429-117	Nonharerdoue soll				32.34		Nominal 22 cy in truch; weighed at TPS scales - 64,680 Lba
7/29/99	Petroleurn- contaminated soli (gesoline), Stockpile #3, creek excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1043, Kent WA 88035	TPS Technologies, Inc., 2000 104th SI S, Lekewood WA 90489	X		A03-02429-118	Nonhazerdous soll				3,46		Nominal 22 oy in Inucli; weighed at TPS scales - 8,820 Lbs
7/30/99	Petroleum- conternineted solt (gesoline), Stockpite 83, creek excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 96035	TPS Technologies, Inc., 2000 104th St S., Lekenned WA 954989	×		A03-02429-119	. Nonhazardous soll				34.62		Nominal 22 cy in truck; weighed at TPS scoles - 89,040 Lbs
7/30/99	Petroleum- contaminated soll (gesoline), Stockpile 83, cresk succestion by GeoEng/Giacter	City Transfer, Inc. P.O. Box 1045, Kent WA 80035	TPS Technologies, Inc., 2000 104th 81 5, Lekewood WA 98499	X		A03-02428-120	Nonhezerdoure eoli				33.70		Nominal 22 oy in truck; weighed at TPS scales - 87,560 Lbs
7/30/99	Petroleum- contaminated soli (gesoline), Stockpile \$3, creat, escavetion by GeoEng/Giscier	Cey Trensfer, Inc. P D. Box 1048, Kent WA 98035	193 Technologies, Inc., 2000 104th St S. Lekewood WA 88489	×		A03-02428-121	Nonhazardousi soli				30.53		Nominal 22 oy in truck; weighed at TP5 scales - 61,000 Lta
7/30/99	Petroleum- contaminated aofi (gesoline), Blockpfle \$3, creek excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kant WA 98035	TPS Technologies, Inc., 2000 104th Si S, Lekswood WA 98499	X		A03-02429-122	Nonhezerdous sol				25.80		Nominal 22 cy in truck; weighed at TP5 scales 51,720 Lbs
7/30/96	Petroleum- contaminated soll (gesoline), Stochpile 93, creek excevation by GeoEng/Glacier	City Transfer, Inc. P O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2000 104th SI S, Letewood WA 98499	×	:	A03-07428-123	Nonhazárdous soll				27.37		Nominal 22 oy in truck; weighed at TPB scales 64,740 Lite
7/30/Be	Petroleum- contaminated soft (gesofine), Stochpile #3, creek excevation by GeoEng/Glacier	CRy Transfer, Inc. P.O. Box 1045, Kent WA 98035	TPS Technologies, Inc., 2000 104% SI 8, Lekewood WA 98499	x		A03-02428-124	Nonhazerdous soll				27.41		Naminel 22 cy in trush; weighed at TPS scales 54,820 Lbs
7/30/99	Petroleum- contaminated soft (gesoline), Stockpile #3, creek eucavetion by GeoEng/Glacier		TPS Technologies, Inc., 2000 10419 SI S, Lekewood WA 98499	X		A03-02429-125	Nonhezerdoue soli				29.95		Nominal 22 cy in truck; weighed at TPS scales 50,920 Lbs
7/30/99	Petroleum- communated soll		TPS Technologies, Inc., 2000 104th 51 8, Lekewood WA 98499	X		A03-02429-128	Nonhazerdous soll				29 88		Nominal 22 cy in truck; weighed at TPS scales 59,780 Lbs
7/30/90	Petroleum- conteminated solt		TPS Technologies, Inc., 2000 104th St 5, Lekewood WA 95499	a X		A03-02429-127	Nonhezerdous soit				29,93	•	Nominal 22 cy in truck; weighed at TPS scales 50,000 Lbs

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Date	Received From:	Transporter	Disposed Facility	Lading	UHIVM	Manifest No	Description	Time:	Water Volume	Oseoline Volume	Soll	Other	Type of Weste
	Location(s)		Location(s)					Receive	(Gefferte)	(Gettone)	(fene)	(Pounda)	
7/30/90	Petroleum- contaminated soll (gasofine), Stockpile #3, creek excavation by GeoEng/Otector	City Transfer, Inc. P O Box 1048, Kent WA 96035	TPS Technologies, Inc., 2800 104th St 5, Lekewood WA 98499	X		A03-02428-128	Nonhezardous soll				33 68		Nominal 22 cy in tru weighed at TPS scale 87,120 Lbs
7/30/99	Petroleum- contaminated soli (gesothe), Stockpite #3, creek excerned on by GeoEng/Glacier	City Trensfer, Inc. P.O. Bai: 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S. Lekewood WA 90499	X		A03-02429-129	Honhazardous soit				29.26		Nominal 22 cy in tru weighed at TPS scal 58,500 Lbs
7/30/99	Petroleum- conteminated soll (gesoline), Stactpille #3, creek excavation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	198 Technologies, Inc., 2800 104th Bl.8, Lekewood WA 98499	×		A03-02429-130	Nonhazardous soll				30.64		Nominal 22 cy in its weighed at TPS scal 61,690 (.bs
7/30/99	Petroleum cantamineted soll (gesoline), Stockpile #3, creek excavation by GeoEng/Glecker	City Transfer, Inc. P O. Box 1048, Kent WA 85035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 80406	x		A03-02429-131	Nonhazardous solf				28.08	Y	Nominal 22 cy in tru weighed at TPS scal 59,180 Lbs
7/30/99	Petroleum- contaminated solf (gesoline), Stockpile #3, creek excavation by <u>GeoEng/Olecier</u>	City Transfer, Inc. P O. Box 1048, Kant WA 98035	TPS Technologies, Inc., 2000 104th St S, Lakewood WA 90499	X		A03-02429-132	Nonhazerdous solf				27,73		Nominel 22 cy in tru weighed at TPB aca 55,490 Lbe
7/30/00	Petroleum- contamineted soll (gesoline), Stockpits #3, creek excevation by GeoEng/Glecier	City Transfer, Inc. P O. Box 1045, Kent WA 98035	TPS Technologies, Inc., 2000 104th 81 S. Lakewood WA 95499	x		A03-02429-133	Nonhazerdoye soll				30.24		Nominal 22 cy in tr weighed at TPS sca 80,480 Lbs
7/30/99	Petroleum- contaminated soft (gasoline), Stockpile #3, creek excavation by <u>GeoEng-Clecier</u>	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	1PS Technologies, Inc., 2800 104th St S, Lekewood WA 90499	Χ.		A03-02429-134	Nonhezerdoue soll				24.4		Nominal 22 cy in in weighed at 7PS aca 46,000 Lbs
7/30/99	Petroleum- contaminated soft (geoofine), Stockpite #3, creek sucavation by GeoEng/Glacier	City Transfer, Inc. P.O. Bon 1046, Kert WA 96035	TPS Technologies, Inc., 2000 104th SI S, Lakewood WA 90409	x		A03-02429-135	Nonhezerdous soll				32.63		Nominal 22 cy in tru weighed at TPS scal 85,200 Lbs
7/30/98	Petroleum- contaminated solt (gasoline), Stockphe #3, creek excevation by GeeEngl@lacier	City Transfer, Inc. P O. Box 1048, Kent WA 86035	TPB Technologies, Inc., 2000 104th St S. Lekewood WA 98499	×		AD3-02429-139	Nonhazardous soll				29.35		Nominal 22 cy in tru weighed at TPS scal 58,700 Lbs
7/30/89	Petroleum- contemineted soll (gesoline), Stockpile \$3, creak excertion by GeoEng/Clacke	Chy Transfer, Inc P.D. Box 1045, Kent WA 90035	1195 Technologies, Inc., 2000 104th St S, Lekewood WA 90459	×		A03-02429-137	Nonhazerdous soll				25.26		Nominal 22 cy in tru weighed at TPS scal 50,520 Lbs
7/30/99	Petroleum- contaminuted soll (gesoline), Stochpile #3, creek excension by GeoEng/Glacler	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 5, Lekewood WA 86499	×		A03-02428-138	Nonhazerdous soll				26.66		Nominal 22 ay in tru weighed at TPS scal 57,300 Lbs

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	Received From:	Transporter	Cheposal Facility	Lading	UHWM	Manifest N>	Description	Time:	Water Volume	Gesoline Volume	Boll	Other	Type of Weeks
Dete			Location(s)					Bretty	(Gettone)	(Qetone)	(I201)	(Pounda)	
7/30/99	Location(s) Petroleum- contaminated soft (gasoline), Stockpite #3, creak excavation by	City Transfer, Inc. P O. Box 1049, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 98499	X		A03-02429-139	Nonhazardous soll				30.44		Nominal 22 cy in truck; weighed at TPS ecoles - e0,880 Lbs
7/30/99	GeoEng/Glacter Petroleum- contaminated soll (gesoline), Stockpile 93, creak excavation by	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2000 104th St S. Lekewood WA 98499	×		A03-02429-148	Nonhazardous sol				26 82		Nominal 22 cy in truck; weighed at TPS scales - 53,840 Lbs
7/30/99	GeoEng/Glacier Conterninated water from Baker Tank #1 recovered from excavation operations	WestPac Environmental Inc	Puget Sound Rofining Co [Equilon], 8505 South Texas Road, Anacortes WA 98221	×		19528	Environmentally hezerdous substance, liquid, n.o s (gesolinu, nylene), 8, UN3088, PG IN		8,600				Gesoline affect welve; classify as non-RCRA
7/30/99	el Herne Crock. Contennineted weter from Baker Tenk #1 recovered from encavation operations	WestPac Environmental Inc.	Puget Sound Refining Co (Equilon), 8505 Bouth Texas Road, Anacortes WA 98721	×		19670	Environmentally hezerdous substance, liquid, n.o.s. (gesoline, zylene), 9, UN3008, PC li		8,600				Gesoline effect weiw; clessify as non-RCRA
8/3/99	at Hanna Creek. Petroleum- contaminated soll (gesoline), Stockple 91, creek excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 90035	1795 Technologies, Inc., 2000 104th 61 8, Lekewood WA 96499	×		A03-02429-140	Nonhazardous soll				22.76		Nominal 23 cy in truck; weighed at TPS scales - 45,520 Lbs
8/3/99	Petroloum- centaminated soli (gasoline), Stockplie 91, creek excension by GeoEng/Glacter		TPS Technologies, Inc., 2000 104th St S, Lakewood WA 88489	x		A03-02428-141	Nonhezerdous soil				26.75		Nominal 22 cy in truck; weighed at TPS scales - \$3,600 Line
8/3/89	Petroleum- contaminated soft (gesoline), Stockpile \$1, creek excavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th 51 S, Lekwood WA 98499	e X	:	A03-02429-142	Nonhezerdous solt				24.79	,	Nominal 24 cy in truck; weighed at TPS scales - 49,500 Lbs
8/3/99	Petroloum- contaminated soll (gesoline), Stackplie \$1, crask succession by GeoEng/Glacler	City Transfer, Inc. P.O. Box 1040, Kern WA 98035	TPS Technologies, Inc., 2800 104th 8t 5, Lehewoo WA 98499	a X		A03-02428-143	Nonhezerdous soll				23.49		Nominel 22 cy in buck; weighed at TPB scales - 40,900 Lbs
8/3/99	Petroleura- cortaminated soli (gasoline), Stochpila 91, creek excavation b GeoEng/Gitacler		TPS Technologies, Inc., 2000 104th 51 5, Lekewoo WA 90499	d X		A03-02428-144	Nonhazardous soft				22.98		Nominal 24 cy in truck; weighed at TPS scales - 45,800 Libe
8/3/90	Peboleum- certaninated soli (gesoline), Stochpile \$1, creek excevation b GeoEng/Gincler	City Transfer, Inc. P.O. Box 1045, Ken WA 96035	TPS Technologies, Inc., 2000 104th Bi S, Lekewoo WA 96499	x b		A03-02429-145	Nonhazerdous soll				23.09		Nominal 22 cy in truth; weighed at TPS scales 47,300 Lbs
8/3/90	Potrolourn- contaminated soll (gasoline), Stochpile S1, creek sucevation b GeoEng/Glacier		1PS Technologies, Inc., t 2800 104th SI & Lekewoo WA 98499	w X		AD3-02428-148	Nonhazardous soll				24.61		Nominal 22 cy in buck; weighed at TPS scales 48,220 Lbs

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	 		Disposel Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Gaeoline Volume	Roll	Other	Type of Waste
Dete	Received From:	Transporter						Receive_	(Gettons)	(Ge"909)	_[[27]2]	(Ceynda)	
8/3/99	(gestion(s) Petroleum- contaminated soft (gesoline), Stockpile #1, creek excervation by	Chy Trensfer, Inc. P.O. Box 1048, Kent WA 88035	Lo <u>cologies</u> , Inc., TPS Tecturologies, Inc., 2000 104th 61 S, Lekewood WA 96489	X		A03-02429-147	Nonhazardous soil				28.49		Nominal 24 cy in luck; weighed at TPB ecoles - 38,880 Lbs
0/3/90	GeoEng/Glacier Patroleum- contaminated soll (gescline), Stochpile #1, creek excernition by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 80489	x		A03-02429-149	Nonhazerdous soli				27.07		Nominal 24 cy in truch; weighed at TPS ecoles 54,140 Lbe
8/3/99	GeoEng/Glacier Petroleum- contaminated self (gasoline), Stockpile \$1, creek eucavation by		TPS Technologies, Inc., 2000 104th 51 8, Lekewood WA 80499	X		A03-02428-150	Nonhagardous soll				24.63		Nominal 20cy in truck; weighed at TPS scales 49,280 Lbs
8/3/00	#1, creek excevation by		195 Technologies, Inc., 2000 104th St S, Lekewood WA 96499	×		A03-02429-151	Nonhezerdous solt				23.25		Nominal 20 cy in truct weighed at TPS scalar 48,500 Lbs
8/3/98	#1, creek excevation by		TPS Technologies, Inc., 2000 104th SI 5, Lekewood WA 80480	X		AD3-02429-152	Nochazardous aoli				29.87		Nominal 22 cy in truc weighed at TPS scale 50,740 Lbs
8/3/91	#1, creek excervation b	City Transfer, Inc. P.O. Bax 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 5, Lakewoo WA 90409	e X		A03-02428-153	Nonhezerdous soll	_			28.35		Nominel 22 cy in 94 weighed at TPS scal 50,700 Lbs
arare	#1, creek excevation b	City Transfer, Inc. P.O. Bax 1046, Ken WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewoo WA 90409	d X		A03-02428-154	Nonhazerdous soll			-	30.94		Nominal 24 cy in tru weighed at TPS scal 81,880 Lbs
aro/e	GeoEng/Giacier Petroleum- certamineted soft (geocline), Stockpile 61, creek excernation b GeoEng/Giacier	City Transfer, Inc. P.O. Box 1048, Ken WA \$8035	TPS Technologies, Inc., 2000 104th Bt S, Lekewoo WA 90499	d X		A03-02428-155	Noninezerdous sol				31.08		Nominal 22 ay in in weighed at TPS aca 02,160 Lbs
8/3/8	Petroleum- conteminated soll		TPS Technologies, Inc., 2000 104th St 8, Lekewoo WA 86499	X		- A03-02429-156	Nonhezerdours so	-			27		Nominal 22 cy in tr weighed at TP5 pci 54,000 Lba
	Petroleum- contaminated solt					A03-02429-157	Nonhezerdous so	•			31.71	,	Nominal 24 cy in it weighed at TPS sc 82,500 Lbs
FIAT ACC	Petroleum- conteminated soll			od X		A03-02429-158	Nonhazerdous eo	•			27.74		Nominal 22 cy in 1 weighted at TPS ac 65,480 Liba

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	Received From:	Transporter	Disposal Facility	Leding	UHWM	Munifest No	Description	Time:	Water Volume	Ossoline Valume	Boll	Other	Type of Weete
Dete	Location(2)		Location(s)					Receive	(Gellens)	(Gelone)	_([909)	(Pounda)	
8/3/99	Petroleum- contaminated solf (gesoline), Stockpile \$1, creek escavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1046, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 98499	x		A03-02429-159	Nonhezerdous soit				22 03		Nominal 22 cy in truck; weighed at TPS scales - 44,050 Lite
8/3/09	Petroleum- contemineted sell (geseline), Stattpile #1, creat excavation by GeoEng/Glacter	City Trensfer, Inc. P O Bax 1048, Kert WA 80035	TPS Technologies, Inc., 2000 104th SI 8, Lekewood WA 90499	x		A03-02429-190	Nonhezerdous soll				26.57		Hominal 22 cy in truck; weighed at TPS scales - \$3,140 Lbs
8/3/99	Petroleum- contaminated soll (gasoline), Stockpile #1, crask excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TP8 Technologies, inc., 2000 104th St.8, Lekewood WA 83499	x		A03-02429-181	Nonhezerdous sol				28.41		Nominal 23 cy in truck; weighed at TPS scales - 50,020 Lbs
8/3/99	Patoleum- conteminated soll (gesoline), Stockpile #1, creek excavellon by GeoEng/Glaster	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000: 104th 81 S, Lehewood WA 96499	x		A03-02428-162	Nontinzardoux aolf				31.73		Nominal 22 cy in truck; weighed at TPS scales - 83,400 Lbe
6/3/99	Petroleum- contaminated soll (gasoline), Stockpite #1, creek sucavation by GeoEng/Glacier	City Transfer, Inc. P.O. Bou 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th St 8, Lakewood WA 96499	X		A03-02428-183	Nonhazardous soli				28.97		Nominal 24 cy in truck; weighed at TPS scales - 57,940 Lbs
8/3/99	Petroleum- contaminated soll (gasoline), Stockplie \$1, creek excavation by GeoEng/Glaciet	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St 8, Lekewood WA 88499	X		A03-02428-184	Nonhazardous solt				28 94		Nominel 22 cy in truck; weighed at TPS scales - 57,880 Lbs
8/3/00	Petroleum- contaminated soll (gasoline), Stockpite #1, creek succession by GeoCng/Giscler	City Trenuler, Inc. P.O. Bax 1048, Kent WA 88035	TPS Technologies, Inc., 2000 104th St 5, Lekewood WA 90499	x		A03-02428-165	Nonhazerdous poli				28.2		Nominal 22 cy in Iruck; weighed at TP5 scales - 50,400 Lbs
8/3/99	Potroleum- contaminatori sell (gaseline), Stockpile #1, creek excertion by GeoEng/Gincler	City Transfer, Inc. P O. Ber 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 98499	Х.		A03-02429-166	Nonhezerdous soll				20.9		Nominal 24 cy in truck; weighed at TP6 acules - \$7,800 Lbs
8/3/99	Petroleum- contaminated soll (gasoline), Stockpile #1, creek excavation by GeoEng/Gitcler	City Transfür, Inc. P.O. Box 1045, Kent WA 90035	TPS Technologies, Inc., 2000 104th SL 8, Lekewood WA 80499	×		A03-02428-187	Nonhazardoun poll	!			.20.30		Nominal 24 cy in truck; weighed at TPS ecoles - 52,783 Lbs
8/3/99	Petroteum- contaminated soll (gasolino), Stockpile #1, creek aucavetion by GeoEng/Olacier	City Trunsfer, Inc. P.O. Box 1045, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lakewood WA 80499	×		A03-02429-168	Nonhazardolai solt				28.49		Nominel 20 cy in truck; weighed at TPS scales - 55,920 Lbs
8/3/99	Petroleum- contaminated soll (geodine), Stockpile \$1, creek excavelon by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th St S, Lakewood WA 98499	×		A03-02428-169	Nonhazerdous soll				28.56		Nominal 22 cy in truck; weighted at TPS ecoles - 57,120 Lbs

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Dete	Neceived From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Ossoline Volume	8oM	Other	Type of Weste
	Location(1)		Location(s)					Receive	(Gettone)	19119111	(Tem)	(Pounds)	
8/3/99	Petroleum- contaminated soli (gesoline), Stockpile \$1, creek encavation by GeoEng/Giacler	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2600 104th St S, Lekewood WA 9649 0	x		A03-02429-170	Nonhazardous soll				28.32		Nominal 22 cy in tru weighed at TPS scale 58,640 Lbs
8/3/98	Petoloum- contaminated solf (gesoline), Stockpile \$1, cresk excertion by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th SI 5, Lekewood WA 88499	x		A03-02429-171	Nonhazerdous solf				28		Nominal 22 cy in tru weighed at TPS scal 56,000 Lbs
8/3/99	Petroleum- conteminated sell (geseline), Stoctpile #1, creek excavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th St S. Lekewood WA 90499	X		A03-02429-172	Nonhazardous soil				27 89		Hominel 24 cy in th weighed at TPS sca \$5,980 Lbs
8/3/99	Petroleum- contaminated soll (gesoline), Blockpila 81, creek excavation by GesEng/Olacler	City Transfer, Inc. P.O. Box 1048, Kent WA 80035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 98489	X		A03-02429-173	Nonhazardous soit				31.13		Nominal 24 cy in b weighed at TPS eco 82,200 Lbs
8/4/99	Petroleum- contaminated soll (geodina), Stoctpile \$1, creek ancevation by GeoEng/Biscler	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lakewood WA 98499	X		A03-02428-174	Nonhezerdous soll				75.65		nominal 24 cy in 5 weigh at TPB scales. LBS.
8/4/99	Petroleum- contaminated soll (gasoline), Stockpile \$1, creek ancevetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St 6, Lekewood WA 88489	X		A-03-02429-175	Nonhazardous soll			· .	28.08	· .	Nominal 24 cy in t weighed at TPS ac 58,120 LDS
C/4/99	Petroleum- contaminated sell (gasoline), Stockplie #1, creek eucavation by GeoEng/Blacter	CRy Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 90499	x	:	A03-02428-178	Nonhazardous aoli				31.22		Nominel 22 cy in t weighed at TPS sc 86,440 fes
6/4/98	Petroleum- contaminated soll (gasoline), Stockpile \$1, creek excavation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2600 104th St 5, Lakewood WA 96498	x		AQ3-0249=177	Nonhazardous soll			۰	31.52		Nominal 22 cy in t weighed at TPS ec 63,040 ibe
8/4/99	Petroleum- contaminated soll (gasoline), Stockpile #1, creek excavation by GeoEngGlader	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 90499	×		A03-02429=178	Nonhazerdoue soil				31.25		Nominal 22cy in 8 weighed at TPS ac 62,500 lbs
8/4/99	Petroleum- contaminated soll (gesoline), Stockplie P1, creek sucaration by GeoEng/Stocker	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 95499	X		A03-02428-178	Nonhezerdous soll				32.45		Nominal 24 cy in 6 weighed at TPS at 64,900 lbs
Cr4/90	Patroleum- contaminated soll (gesoline), Stockpile #1, creek expandion by GeoEng/Gincler	City Transfer, Inc. P.O. Box 1048, Kart WA 98035	TPS Technologies, Inc., 2000 104th SI 8, Lakewood WA 98499	X		A03-02428-180	Nonhazentous solt				27.9		Nominal 22 cy in 1 weighed at TPS a 55,000 lbs

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Dete	Received From:	Transporter	Disposel Facility	Leding	UHWM	Manifest No.	Description	Time:	Water Volume	Ossoline Volume	808	Other	Type of Waste
	(ocetion(s)		Lecedon(n)					Receive	(Gellone)	(Gettont)	(Terre)	(Pourda)	
6/4/99	Petroleum- contaminated sell (gesoline), Stockpile 91, creek excavation by GeoEng/Otacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lakewood WA 96499	×		A03-02429-181	Nonhazardous soil				26.13		Hominal 24 cy in truck; weighed at TPS scales 52,200 ibs
8/4/99	Petroleum- contaminated soll (gasoline), Stockpile \$1, creek aucavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th St B, Lakewood WA 89488	x		A03-02429-182	Northezerdous eof		С		32.4		Nominal 22 cy in truck weighed at TPS scale 64,800 lbs
8/4/90	Petroleum- contaminated soll (gaseline), Stockpile \$1, creek encavetion by GeoEngKilecter	City Transfer, Inc. P.O. Box 1048, Kert WA 90035	TP3 Technologies, Inc., 2000 10491 St B, Lakewood WA (88499	X		A03-02429-183	Nonhazardous soll				31.78		Nominal 24cy in truck weighed at TPB scale 83,500 lbs
6/4/99	Petroleum- contaminated soll (geeeline), Stockpile #1, creek excavetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St S, Lekeweod WA \$8499	X		A03-02420-184	Nonhazardous soll				28 43		Nominal 24 cy in truck weighed at TPS acate 56,800 the
8/4/08	Petroleum- conteminated soll (gesoline), Stactpile \$1, creek excernation by <u>GeoEng/Glacier</u>	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	TPB Technologies, Inc., 2800 104th St B, Lekewood WA 98499	X		A03-02429-185	Nonhazardow soli				79.73		Nominal 22 cy in truc weighed at TPS scale 58,400 lbs
8/4/99	Petroleum- contamineted soft (gesoline), Stochpite #1, crevit excavation by GeoEngrGlacter	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 6, Lekewood WA 90499	X		A03-02429-188	Nonhezerdous soll				20 53		Nominal 22 cy in truc weighed at TPS scale \$7,080 fbs
8/4/99	Petroleum- contaminated soll (gasoline), Stockpiles #1 and 2, creek encavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1045, Kent WA 99035	TPS Technologies, Inc., 2000 104th 51 5, Lekewood WA 88499	x	:	A03-02420-187	Nonhazerdous soll				27.09		Nominal 18 cy in truc weighed at TPS scale 54,120 lbs
8/5/99	Petroleum- contaminated soll (gaseline), Stockpite \$2, creek sucavation by GeoEng/Clacter	CRy Transfer, Inc. P O. Bok 1049, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S, Letiewood WA 95499	x		A03-02428-188	Nonhazərdous soil				22.64		Nominal 22 cy in truc weighed at TPS scale 45,200 Lite
8/5/99	Petroleum- contaminated soft (gaseline), Stockpite \$2, creek sucevetion by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2500 104th St B, Lakewood WA 95499	×	•	A03-02429-189	Nonhazerdous soll				23.84		Nominal 22 ey in truc weighed at 1795 sceler 47,880 Lbs
8/5/09	Petroloum- contaminated soll (geocline), Stockpille P4, creak excavation by <u>GeoEng/Otacier</u>	City Transfer, Inc. P.O. Box 1045, Kent WA 98035	TPS Technologies, Inc., 2000 104th 61 S, Lakewood WA 95499	×		A03-02429-190	Nonhazardous soil				25.86		Nominal 24 cy in truck weighed at TPS scaled \$1,760 Lbs
8/5/99	Petroleum- contaminated soft (gasofine), Stockpile #4, creak ancavation by GeoEng/Glacker	City Transfer, Inc. P.O. Box 1048, Kent WA 96035	TPS Technologies, Inc., 2800 104th St B, Lekewood WA 98499	x		A03-02429-191	Nonhaesidous soll				22.08		Nominal 22 cy in truc weighed at TPS scale 44,120 Lbs

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				Ladit 0	UIIMM	Menifeet No	Description	Time:	Water Volume	Volvena	Soli ([979])	(Pounda)	Type of Waste
	Received From:	Transporter	Disposal Facility					Receive	(Gellong)	(Gallone)	- I Y Y La		
Date	Lecation(s)	City Transfer, Inc. P.O. Box 1048, Kent	TPS Technologies, Inc., 2000 104th St S. Lakewood	x		A03-02428-192	Nonhazerdous soft				25,49		Nominal 22 cy in truck; weighed at TPS ecolog - 50,880 Lbs
8/5/99	#4, creek excevation by GeoEng/Glacier Petroleum-	WA 90035	WA 98499 TPS Technologies, Inc.,				Nonhezerdous soll			•	25.75		Nominal 22 cy in truck; weighed at TPS acates - 51,500 Lbs
8/5/99	contaminated soli (gesoline), Stockpile 94, creek excavetion by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1046, Kent WA 90035	2000 104th 61 5, Lakewood WA 95499	×		A03-02429-183	Normazarouda zon						Nominal 24 cy in truck;
6/5/99	Petroleum- conteminated soll (gesoline), Stockpile	City Transfor, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, inc., 2000 104th SI 8, Lakewood WA 96498	×.		A03-02429-194	Nonhazardous soll				24.45		weighed at TPB ecales - 48,900 Lbs
	84, creak excavation by GeoEng/Glacier Petroleum- conteminated soll	City Transfer, Inc	TPS Technologies, Inc.,			A03-02429-195	Nonhezardous soll				28 93		Nominal 22 cy in truck; weighed at TPS scales - 57,860 Lbs
8/5/09	(gesoline), Stockpile \$4, creek excevation by GeoEng/Clacier	P O. Box 1048, Kent WA 98035	2800 104th St 8, Lakewood WA 96499								29.30	+	Nominal 22 cy in truck; weighed at TPB scales -
8/5/99	Petroleum- contaminated poli (gesoline), Stockpile \$4, creek excevation by	City Transfer, Inc. P.O. Box 1048, Ken WA 86035	TPS Technologies, Inc., 2000 104th St 8, Lakewoo WA 96499	×		AD3-02429-198	Nonfuzerdous soll		_				58,700 Lbs
	GeoEng/Glacier Petroleum- conterninated soll	City Trensfer, Inc. P.O. Box 1048, Ken	TPS Technologies, Inc., 2000 104th St 8, Lekewood	d X		A03-02428-187	Nonhezerdous soil				28.58		Nominal 22 cy in truck; weighed at TP5 scales - 57,160 Lbs
8/5/9	84, creek sucevetion by GeoEng/Glacler Petroleum-	WA 98035	WA 85499 TPS Technologies, Inc.,								28.20		Hominal 22 cy in truck; weighed at TPS scales
8/5/94	contaminated soli (gaseline), Stockpile \$4, creek excevetion b GeoEng/Glacier	City Trensfer, Inc. P.O. Boil 1049, Ker WA 86035	and the second second second	X be		A03-02429-198	Nonhazerdous sol						56,520 Lbe Nominai 24 cy in truck
8/5/0	Petroleum- conteminated soil	City Transfer, Inc. P.O. Box 1048, Ke WA 88035	TPS Technologies, Inc. nl 2000 104th St 8, Lekewo WA 96499	od X		A03-02429-189	Nonhazardous sol				295		weighed at TPB ecoles 58,620 Lbs
8/5/1	GeoEng/Glacier Petroleum- conteminated soll	City Transfer, Int			_	A03-02428-200	Nanhezerdous so	•			27.9	,	Nominal 24 cy in buck weighed at TPS acales 55,940 Lbs
	GeoEng/Glaciet Patroleum-	City Trensfer, Inc									100	18	Nominel 22 cy in Inucl weighed at TPS scales
0/5/	contaminated soll (gasoline), Stockpli #4, creek excevation GeoEng/Glacier	P.O. Box 1048, K		× 100		A03-02429-201	Nonhazardous ac						38,120 Lbs
0.00	Petroleum- contaminated soll (casoline), Stockall	City Transfer, In P.O. Box 1048, K WA 86035	c. TPS Technologies, Im ent 2000 104th SI S, Lekew WA 06489	r., X 1000		A03-02429-202	Nonhazandous a	,a			16.	83	Nominal 22 cy in truc weighed at TPS scale 37,200 Lbs

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OPL 1132034

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	T		Disposal Facility	Lading	UHWM	Manifest No.	Description	Time:	Water Volume	Ossoline Volvine	Boll	(Pounds)	Type of Weste
Dete	Received From:	Transporter						Receive_	(Petions)	(01 ¹ 011)	(Tena)	Tradition of	
8/5/99	Location(9) Petroleum- contaminated soll (gescline), Stockpite 92, creek excevation by	City Transfer, Inc. P.O. Box 1048, Kent WA 96035	Locationia) TPS Technologies, Inc., 2000 104th SI 8, Lekewood WA 88499	x		A03-02429-203	Nonhazerdous soll				14.04		Nominal 15 cy in tru weighed at TPS acai 26,080 Lbs
6/5/99	GeoEng/Glecier Petroleum- contamineted soff (gesoline), Stockpile \$2, creek excervation by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 5, Lakewood WA 95499	X		A03-02429-204	Nonhezerdous soll				15 14		Nominal 18 cy in in weighed at TPS aca 30,200 Lbs
8/5/99	GeoEng/Glacter Petroloum- contaminated soll (geosline), Stockplie #2, creek excavation by		1P5 Technologies, Inc., 2800 104th St S, Lekewood WA 98499	x		A03-02429-205	Nonhezerdous soll				13.55		Nominal 15 cy in ir weighed at TPS sc 27,100 Lise
8/10/99	GeoEng/Glacier Product (gesofine) and water from Baker Tank \$1 - recovered from skimming operations, pipeline purging, and excavation operations of Henna Coerk		Pupet Sound Refining Co (Equilon), 0505 Bouth Teams Road, Anscones WA 99221	X		Straight bill of lading (no number assigned)	Flemmeble Squid n.o. (gesofine, wefer), 3, UN1203, PG II		8,192	609			400 gallons of get recovered from exc operations, pholine a and ekteening oper elected in Baker S alternet tank; pre alternet tank; pre alternet tank; pre required to empty Tank #1 and ektrer
8/10/24	Preduct (gesofine) and water horn Baher Tani 81 recovered from etimming operations, pipeline purging, and eucavelon operations at Hanna Creek	WestPac Environmental Inc.	Puget Bound Refining Co (Equilon), 8505 South Texes Road, Anecones W. 98221	X		18980	Flemmeble liquid n o (gescline, weler), 3, UN1203, PG II		8,192	40	•		408 gallons of gam recovered from and operations, pipeline and abimving oper stored in Baker # skimmer tank; pr aflocated to the two required to amply Tank #1 and skim
6/13/9	#3, creek excevation t	City Transfer, Inc. P.O. Box 1048, Ken WA 88035	TPS Technologies, Inc., 2000 1049 St S. Labowc WA 96499	d X		A03-02429-208	Nonhazardous sol	1			28.02		Nominal 22 cy in weighed at TPS (\$6,040 Lb
6/13/9	GeoEng/Glacier Petroleum- contentinated soll 9 (gescline), Stochpild #3, creek eucavation i GeoEng/Glacier	CRy Transfer, Inc. P.O. Box 1048, Ker WA 98035	1796 Technologies, Inc., 2000 1946 St 8, Lehewood WA 98499	×		- A03-02428-207	Nonhezerdoue eol				27.87		Nominal 24 cy is weighed at TP8 \$6,740 Lb
8/13/9	Petroleum- conteminated solf	City Transfer, Inc. P.O. Box 1048, Kee by WA 80035	TPS Technologies, Inc. 1 2000 104th Si 8, Lekewo WA 96499	od X		A03-02428-208	Nonhazerdous eo	•			30.01		Nominal 22 cy i weighed at TPS 60,020 Lt
REINA	Petroleum- contaminated solf	Chy Trenefer, Inc P O. Box 1049, Ke WA 80035				A03-02428-208	Nonhazardous so	•	_		29 81		Nominal 24 cy i weighed at TP3 60,020 Lt

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							Description	Time:	Weter Volume	Gasolina	Boll	Other	Type of Weste
Dete	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Concintration	Receive	(Qellone)	(Grigns)	([979])	(Pavneta)	Type of tratio
l	Location(s)		Les etients		-			- Children	TALK IN THE REAL PROPERTY AND INCOMENT	and a little second			
8/13/99	Potroleum- contaminated soft (getoline), Stockpile #3, creak accevation by GeoEng/Glaciar	City Trensfer, Inc. P.O. Box 1048, Kert WA 80035	TPS Technologies, Inc., 2000 104th SI S, Lekewood WA 90409	x		A03-02429-210	Nonhezerdous soil -				52,36		Nominal 22 cy in Auck; weighed at TPS scales - 84,780 Lbs
8/13/99	Petroleum- contaminetial coll (gasolino), Blockpile #3, creek excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	TPS Technologies, Inc., 2000 104th 81 S, Lekewood WA 90499	×		A03-02429-211	Nonhezerdous soil		• .		30.97		Nominal 22 cy in truck; weighed at TPS scales - 61,940 Lbs
8/13/99	Petroleum- contaminated soll (gasoline), Stockpile 93, creek aucavation by GeoEng/Clacier	City Trunctur, Inc. P.O. Box 1048, Kent WA 98035	7P3 Technologies, Inc., 2800 104th 51 8, Lekwood WA 93499	×		A03-02428-212	Nonhazardous soll			-	32 59		Nominal 24 cy in buck; weighed at TPS scales - 85,180 Lbs.
8/13/99	Petroleum- oontaminated poll (gasoline), Stockpile 93, creek ancevetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B, Lekewood WA 98499	×		A03-02478-213	Nonhazardous soli				28.32		Hominal 22 cy in Inuck; weighed at TPS scales - 50,840 Lbs
0/13/99	Poboleum- contamenated poll (gesoline), Stockpile #3, creat excernition by GeoEng/Glacier	City Transfer, Inc. P.O. Bou 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th SI S, Lekewood WA 90499	×		A03-02428-214	Nonhezerdous soll				28.56		Nominal 22 cy in truck; weighed at 7PS scales - 57,120 Lbe
8/13/99	Petroleum- contaminated soll (gesoline), Stockpile #3, creek encevation by GeoEng/Glacier		TPS Technologies, Inc., 2800 104th SI 5, Lekewood WA 98499	x		A03-02429-215	Northizardous soll				29.29		Nominel 22 cy in truck; weighed at TPS scales - 58,580 Lbs
0/13/99	Petroleum- contentineted soil (gessiline), Stockpile #3, creak sucevation by GeoEng/Blacker		TPS Technologies, Inc., 2002 104th St 8, Lekewood WA 98499	x		A03-02428-218	Nonhezerdous soll				27.69		Nominal 24 cy in truck; weighed at TPB scales - \$5,320 Lbs
8/13/99	Petroleum- contaminated soll (gasoline), Stockpile \$3, creek expansion by GeoEng/Olaciet	City Trensfer, inc. P.O. Box 1048, Kent WA 19035	TPS Technologies, Inc., 2000 104th 51 S. Lakewood WA 80499	×		A03-02428-217	Nonhazerdous soll				30.2		Nominel 22 cy in truck; weighed at TP6 scales - 80,400 Lbs
8/13/09	Petroleum- contaminated soll (gesoline), Stockpile \$3, creek excerction by GeoEng/Clacier		TPS Technologies, Inc., 2000 104th 61 S, Lekewood WA 90409	X		A03-02428-218	Nonhezerdous soli				28.79		Nominal 24 cy in truck; weighed at TPS scales - \$7,580 Lbs
8/13/09 8/13/96	Petroleum- contenineted soll (gesoline), Blockpile #3, creek excevation by GeoEng/Glucier		TPS Technologies, Inc., 2000 104% 51 S, Lakewoo WA 98499	s X		A03-02428-218	Nonhazardous solt			· · · · · · · · · · · · · · · · · · ·	2701		Nominal 22 cy in truck; weighted at TPB acales - 54,020 Lba
6/13/90	Petroleum portaminated pell (geochno), Stockpile \$3, creek aucavetion by GeoEng/Glecter		TPB Technologies, Inc., 2000 104th 81 S, Letewoor WA 90499	e x		A03-02428-220	Nonhazardous solt				27.84		Nominal 24 cy in buck; weighed at TPS scales - 65,680 Lbs

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OPL 1132036 s:hefuelcom creek incident/Timet_stepseel_tracting.rts

·1	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Gasoline Volume	Boll	Other (Remeta)	Type of Waste
Dete	Hecented Flom.		L and Hamiles					Receive	(Gellene)	(Ge#907)	(1903)	(Peinde).	
B/13/99	#3, creek excevation by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S. Lekewood WA 88499	x		A03-02429-221	Nonhazerdous soll				27,12		Nominal 22 cy in truck; weighed at TPS scales - 54,240 Lbs
6/13/99	GeoEng/Glacies Petroleum- contaminated soft (gasoline), Stockplie #3, creek excevation by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B, Lakewood WA 98499	×		A03-02428-222	Nonhazardous soli				23 53		Nominal 22 cy in Inuci weighed at TPS scales 47,080 Lbs
8/13/09	GeoEng/Glacter Petroleum- contaminated sol (geocline), Stockpile #3, creek excavation by GeoEng/Glacter		TPS Technologies, Inc., 2800 104th 8t 6, Lekewood WA 68499	x		A03-02420-223	Nonhazardous soll				28.74		Nominal 24 cy in truc valghed at TPS acale 57,400 Lba
8/13/99	Petroleum- contaminated soli (gasoline), Sisciplie 93, creek excavation by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 1040h St S, Lekewood WA 98499	X		A03-02428-224	Nonhazardous soll				25.00		Hominal 24cy in truc weighed at TP5 scale \$1,320 Lbs
8/16/05	GeoEng/Glacier Product (gesoline) and webs from Baker Tank #1 recovered from horizontal well and excavation operations		Puget Bound Refining Ce (Equilon), 8505 South Texas Road, Anacontes WA 86221	×		17531	Flammable liquid n o i (gasoline, water), 3, Util 203, PG li		5,400	900			600 gettors of gasoff recovered from encave operations, and horize well - stored in Dates # poly lank; product effor to the two loads
8/10/99	et Hanna Cresk Product (gesoline) and water from Baker Tank #1 recovered from hostcontal weil and excavation operations at Henne Cresk		Puget Sound Refining Co (Equilan), 8505 South Texas Road, Amecates W/ 98221			19000	Flemmeble liquid n o. (gesoline, weter), 3, UFJ1203, PG II	•	4,650	450	0		450 gellons of gasol recovered from encover operations, and horiz well - stored in Baker B poly tarit; product effo to the two loads
8/17/99	Petroleum- contaminated soft (gaseline), Stockpile #3, creek secavation b Geogray/Glacier	CRy Trensfer, Inc. P.O. Box 1048, Kerd WA 98035	TPS Technologies, Inc., 2000 104th St 5, Lekewoo WA 98499	d X		A03-02429-225	Nonhezerdous soft				22 58		Nominal 24cy in tru weighed at TPS eco 45,120 Lbs
e/17/99	Petroleum- contaminated pell		TPS Technologies, Inc., 2000 104th St S, Lakewoo WA 95499	x b	· .	A03-02428-228	Nonhezerdous soll				22.30	-	Nominal 22cy in in weighed at TPS scs 44,720 Lbs
6/17/9	Petroleum- contaminated solf		TPS Technologies, Inc., 8 2000 1940 51 S. Lekewoo WA 98499			A03-02479-727	Nonhazardoun sol		_	· · · · · · · · · · · · · · · · · · ·	25.21		Numinel 24cy in b weighed at TPS ect 50,420 Lbe
- 8/17/91	Petroleum- contaminated sell		TPS Technologies, Inc., 12800 104th St S, Lehewood WA 98499			A03-02429-228	Nonhazerdous sol				24.99		Nominal 24cy in 6 weighed at TP5 sc 49,900 Lbs

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OPL 1132037 c:twhateen creek incident/Timel_disposel_tracking ds

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r	Received From:	Transporter	Dieposel FecHity	Lading	UHWM	Menifest No	Description	Timb:	Water Volume	Ossoline Volvme	Boli	Other	Type of Weele
Dete			Losetton(e)				and a second s	Receive.	(Gettona)	(Inc. 10)	_([979)_	(Peunda)	الافتار والمراجع والمراجع والمحاطر
8/17/89	Location(s) Petroleum- cantaminated soll (gesoline), Stockpile 83, creek arcavelion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S, Lakewood WA 88499	x		A03-02429-229	Nonhazaidous soll				24.32		Hominol 22cy in truck; weighed at TPS scales - 48,640 Lba
8/17/99	Petroleum- contaminated soll (gesoline), Stackpile #3, creek ercavetion by GeoEng/Glacier	City Transfer, Inc. P O Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th SL 8, Letwood WA 98489	X		A03-02429-230	Nonhezerdous soll				26 97		Nominal 22cy in Iruck; weighed at TPS scales 53,840 Lbs
8/17/99	GeoEngClacker	City Transfer, Inc. P.O. Bax 1048, Kent WA \$5035	TPS Technologies, Inc., 2000 104th St.S., Lekewood WA 98499	X.		A03-02429-231	Nonhezardous soll				29.63		Nominal 24cy in buck; weighed at TPG scales 57,200 L be
8/17/99	Patroleum- contamineted sell (gesoline), Stoctpile #3, creet excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent VVA 95035	TPS Technologies, Inc., 2000 104th St B, Lekewood WA 90489	X		A03-02428-232	Nonhezerdous soll				28.24	,	Nominal 22cy in Inack; weighed at TPS scales 56,480 Lbs
8/17/99	Petroleum- contamineted soft (gesoline), Stockpile 93, creek succention by GeoEng/Giscier	City Transfer, Inc. P.O. Box 1048, Kent WA \$8035	TPS Technologies, inc., 2000 104th 81 S. Lekawood WA \$8490	×		A03-02428-233	Nontrazerdous solt				20.17		Nominal 24cy in truck; weighed at TPS scales 56,340 Lbs
8/17/89	Patroleum- contamineted soll (gesoltne), Stockpile #3, creek excavetion by GeoEng/Giacier	City Transfer, Inc. P.O. Box 1048, Kerri WA 88035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 88499	×		A03-02429-234	Nonhezentous soll				27 57		Nominal 22cy in truck weighed at TPS scales 55,140 Lbs
8/17/99	Petroleum- contaminated poll (gesoline), Stockpile #3, creek excevation by GeoEng/Glacier	L	TPS Technologies, Inc., 2000 104th \$1 S, Lekwood WA 80409	×		A03-02429-235	Nonhezardouë soli				29.00		Nominal 22cy in truck weighed at TPS scales 59,320 Lbs
8/17/99	Petroleum- conteminated soft (gaseline), Stockpile \$3, creek excevation by GeoEng/Glacier	City Transfer, Inc P.O. Box 1046, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA \$5409	×		A03-02429-230	Nonhazardous soll			·	21.45		Nominal 20cy in truck weighed at TPS scales 42,800 Lbs
8/17/99	Patroleum- contamineted aoli (gesoline), Stockplie #3, creek excavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104% St S, Lakewood WA 904%9	x	· .	A03-02428-237	Nonhazardous soit				29,45		Hominet 24cy in truck weighed at TPS scales 58,900 Libe
0/17/98 0/17/99	Patroleum- contaminated soli (guessine), Stockpile 13, creek encavetion by GeoEng/Glacter		1PS Technologies, Inc., 2000 104th SI S, Lakewood WA 98499	s X		A03-02428-238	Nonhazardous soli				30.92		Hominal 24cy in truck weighed at TPS scale 01,840 Lbs
8/17/89	Petroleum- oortamingted solf (gasoline), Stockpile #3, creek excavation by GeoEng/Glacier		TPS Technologies, Inc., 2000 104th St S, Lakewood WA 96499	d X		A03-02428-239	Nonhazardous aolf				27.58		Nominal 22cy in truck weighted at TPS scales 55,120 Lbs

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			Disposal Facility	Lading	UHINNEA	Menifest No	Description	Time:	Water Volume	Ossoline Volume	Soli	Other	Type of Weete
Dette	Received From:	Transporter						Receive.	(Geffane)	(Qellone)	_(1979)_	(Ceynde)	
8/17/99	Locetton(s) Product (gasoline) and water from Baker Tank #1 recovered from horizontal well and encevation operations	WestPac Environmental Inc.	Lospflon(p) Puget Sound Refining Co (Equilion), 8505 South Teass Roed, Anacortes WA 90221	x		17533	Flammable liquid n.o.s (gasaline, wster), 3, UN1203, PG II		5,450	550			550 gallons of gesoline recovered from exceverion operations, and horizontal well - stored in Baker #1 and poly tank; product allocated to the three loads
8/17/08	at Hanna Creek Product (gesofine) and water from Baker Tank #1 recovered from hortcontal well and excavation operations at Henna Creek	WestPac Environmental Inc.	Puget Bound Refining Co (Equiton), 6505 South Texas Road, Anscertes WA 80221	X		18005	Flemmeble liquid n e s (gasoline, welet), 3, UN1203, PG li		4,550	450			450 gettine of getofine recovered from excevition operations, and horizontal well - stared in Beker #1 poly tank; product allocate to the three leads
8/17/98	Product (geodine) and water from Baher Tonk #1 recovered from horizontal well and excavation operations	WestPac Environmentel Inc.	Pugel Sound Refining Co (Equilion), 8505 South Teurs Road, Amecortes WA 95221	x		17534	Fianmable liquid n o s (gesoline, valer), 3, UN1203, PG II		5,400	550			550 galone of geodine receivered from encovello operations, and horizonts well - stored in Baker #1 a poly tank; product efficati to the lives tools
6/19/99	at Henna Crevit Gesofine-conteminated sbeorbert pads and boom, from seeps on Henna and Whistoom Crevits	Burington Environmental, Inc.	Darlington Environmental, Inc., 20245 779; Avenue 5. Kent WA 98032 (subsidiary - Philip Service Co.)	x		42703	Wasta gasolina mintura, 3, UN1203, PG II			160,6		2,654	23 drums of absorbert bo end pads from sweps, skinning operations; axi weight will be calculated TSDF (2,684 lbs grove 2,017 lbs nel) used to determine gesoftre hect = 180 G geflore
8/19/00	Used personal protective equipment (PPE) from remodiation efforts	Builington Environmental, Inc.	Burlington Environmental, Inc., 20245 77th Avenue 8 Kent WA 90032 (subaldier - Phillip Service Co.)			42703	Reteriel not regulated by DOT (PPE and clebris)					279	9 drums of used PPE it site clearup
8723/99	Contaminated water from Baker Tank #1 recovered from encavation operations at Henna Creek and horizontal well.	WestPec Environmental Inc.	Puget Bound Refining Co (Equilon), 8505 South Towes Road, Anacortes W/ 89221	×		19756	Weste Environmental hazarous liquid, n o s (DO18), UN3082, PG		8,000				Gesoine effect water classify as non-RCR/
8/23/01	Conteminated water from Batter Tank #1	WestPac Environmental inc.	Pugel Sound Relining Co. (Equilan), 6505 Bouth Team Road, Anacorles W 93221	A	-	19765	Weste Environmental hazarous liquid, n o s (DO 18), UN3082, PG		6,000				Gesofine affect water classify as non-RCR
	Petroleum- contaminated soll	City Transfer, Inc. P.O. Bas 1048, Ken WA 98035	TPS Technologies, Inc., 1 2000 104th St S, Lehewoo WA 90499	NS X		A03-02428-240	Nonhazardous soll				25.41		Nominal 22cy in truc weighed at TPB scale 50,800 Lize
6/24/9	Petroleum- contenineted soll	City Transfer, Inc. P O. Box 1048, Ker y WA 88033	TPS Technologies, Inc., 4 2000 104th St 6, Lekewo WA 80499	X		A03-02428-241	Nonhezardous sol				20 62		Hominal 24cy in true weighed at TPS soul 57,240 Lbs

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OPL 1132039

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		T	Disposal Facility	Lading	UHWM	Manifest No.	Description	Time:	Water Volume	Oseoline Volyme (Gellone)	Boll (Tens)	Other (Peynds)	Type of Weste
Dete	Received From:	Transporter	And in case of the local division of the loc				Second second second second	Receive	(Getterra)	13:2 10:00	ومتركاتها والمسر		
9/24/99		City Transfer, Inc. P.O. Box 1049, Kent WA 86035	Logetton(p) TPS Technologies, Inc., 2000 104th St S, Lekewood WA 95499	X		A03-02428-242	Nonhazerdoue soll				25.73		Nominal 22cy in t weighed at TPS ac 51,400 Lbs
8/24/99	(Manoutel) ended	Ch. Transfer Int	TPB Technologies, Inc., 2000 104th 61 8, Lakewood WA 98499	X		A03-02429-243	Nonhazerdous soit				24.72		Nominal 220y in 1 weighed at TPS at 48,440 Lba
8/24/59	33, creek, excevelion by GeoEng/Blacter Petroleum- portaminated poll (geoolime), Stockpile	City Transfer, Inc. P.O. Box 1048, Kert	TPB Technologies, Inc., 2800 104th St 8, Lakewood WA 98499	×		A03-02428-244	Nonhazerdous soll				23.33		Nominal 22cy in weighed at TP5 s 46,000 Lbs
	#3, creek excevation by GeoEng/Glacier Petroleum- conteminated soil	WA 98035 City Transfer, Inc. P.O. Box 1048, Kent	TPS Technologies, Inc ; 2000 104th St S, Lekewood	. x	-	A03-02429-245	Nonhezeidous soll	-			25 67		Nominal 22cy in weighed at TPS I \$1,340 Lbs
8/24/99	(gasoline), Stockpile #3, creek excevation by GeoEng/Glacier Petroleura- conteminated soll	WA 90035	WA 96490	 		A03-02428-248	Nonhazardous soll	-	-		27.50		Nominal 22cy in weighed at TPS 54,720 Lb
8/24/99	(gescline), Stockpile #3, creek excevation by GeoEng/Glacier	P.O. Box 1048, Kern	2000 104th B1 5, Lakewoo WA 98499	• X						+	20,29		Nominal 24cy I weighed at TP8
8/24/99	Petroleum- contamineted soll (gesoline), Stockpile \$3, creek excernation by GeoEng/Glacier	City Transfer, Inc. P.O. Best 1048, Kerry WA 98035	TP6 Technologies, Inc., 2000 104th St 8, Lekewoo WA 90499	×	_	A03-02428-247	Nonhazerdous soll						52,580 Ll
8/24/99	Petroleum- contamineted soli (gesoline), Stockpile 33, creek excavation b GeoEmp/Otacier	City Transfer, Inc. P.O. Box 1049, Ker WA 98035	TPS Technologies, Inc., 1 2000 10401 St S. Lekewor WA 80499	X		A03-02429-248	Nonhazerdouis sol		_		27.57		weighed at TPS 54,740 L Nominal 240y
8/24/99	Petroleum- contaminated soll (gesoline), Stockpile #3, creek excevetion b	City Trensfer, Inc. P.O. Box 1048, Ker VA 88035	TPB Technologies, Inc. 11 2000 104th St 8, Lekewo WA 88499	X bo		A03-02429-249	Nonhazardous so	•			22.60	• 	weighed at TPI 45,120 L
8724/99	GeoEng/Glacter Petroleum- contamineted solt	City Transfer, Inc P.O. Box 1048, Ke	TPS Technologies, Inc nt 2001 104th St 8, Lekewc WA 98499			- A03-02428-250	Nonhazardous so	n			25 24	•	Nominal 22cy weighed at TP: 50,480 t
8/24/99	GeoEng/Giacler Petroleum- contaminated soll (geseline), Stockpill \$2, creek excevelion	City Transfer, Inc. P.O. Box 1048, Ke	nt 2000 104th St 8, Lakew WA 96499	x bod		A03-02429-251	Nonhazerdous ec	6 4 1			20.4	8	Nominal 24cy weighed at TP 52,8201
8/24/91	GeoEng/Glacier Pstrolaum- contermented soft	City Transfer, Im P.O. Box 1045, Kr	B. TPG Technologies, Im ant 2000 104th 81 S, Lakew WA 96499	ood X		A03-02429-252	Nonhazardous s	oil			23 5		Hominal 20cy weighed at TP 47,120

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Dete	Received From:	Transporter	Disposal Facility	Loding	UHIWM	Manifest No	Description	Time;	Water Volume	Caseline Volume	Soll	Other	Type of Wes
	Location(1)		Lesetton(s)					Receive	(Gettone)	(Gripos)	(Imm)	(Pounds)	
6/24/99	Petroleum- contaminated suil (gasoline), Stockpite #2, creek excavation by <u>GeoEnp</u> (Giscler	City Transfer, Inc P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 86489	x		A03-02429-253	Nonhazerdous soit				28.14		Nominal 24cy in weighed at TPS (58,200 Lb
8/24/96	Petroleum- contaminated sell (gesoline), Stochpile \$2/4, creek sucevation by GeoEng/Glacter	City Transfer, Inc. IP.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2000 104th 81 S, Lekewood WA 90409	X		A03-02429-264	Nonhazerdous soll				23.71		Nominal 22cy in weighed at TPS 47,420 Lb
6/24/98	Petroleum- contaminated soli (geseline), Stockpile 94, creek exervation by GeoEng/Giacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 95499	×		A03-02429-265	Nonhazerdous soll				24.17		Nominal 27cy k weighed at TP5 40,340 Lb
6/24/99	Petroleum- contaminated soll (gaseline), Stockpile #4, creek sucavation by GeoEng/Glacier	City Trensfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2600 104th St S. Lexencod WA 98499	×		A03-02428-258	Honhezerdoue eoli				23.69		Nominel 24cy k weighed at TPS 47,980 L1
8/24/99	Petroleum- contermineted sell (gesoline), Stockpile 84, creek excavation by GeoEng/Glacler	City Trensfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St S. Lekewood WA 90409	X _		A03-02429-257	Nonhezardous soll				25.28		Nominal 22cy k weighed at TPS 50,520 L1
6/24/99	Petroleum- contaminated set (gesoline), Stockpile \$4, creek excevation by GeoEng/Glacter	City Transfer, Inc. P O. Bour 1048, Kent WA \$8035	TPS Technologies, Inc., 2800 104th 8t 8, Lekewood WA 98499	×		A03-02478-258	Nonhazardous soll				23.72		Normal 22cy & weighed at TPB 47,440 Lb
8/24/99	Petroleum- contaminated soli (gasoline), Stockpile \$4, greek excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 86035	TPS Technologies, Inc., 2800 104th St 8, Lekewood WA 98409	X		A03-02428-259	Nonhezerdous soll				26.18		Hominal 22cy i weighed at TPS 52,300 L1
8/24/00	Petroleum- contaminated sell (gesellne), Stockpile \$4, creek succestion by GeoEng/Gincler	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th SI 8, Lakewood WA 85499	×		A03-02429-280	Nonhøzerdous soll				25.33		Nominal 22cy I weighed at TPS 50,800 Lt
8/24/00	Petroleum- contaminated soll (gesoline), Stockpile \$4, creek succession by GeoEng/Glacier	City Transfer, Inc. I ^e O. Box 1048, Kent WA 96035	TPS Technologies, Inc., 2800 104th St 8, Lekewood WA 90499	×		A03-02420-201	Nonhazardous soll				21.96		Nominal 24cy is weighed at TPS 43,820 LB
8/24/98	Petroleum- contaminated soll (gesoline), Stockpile 84, creek sucevetion by GeoEng/Glacter	City Trensfer, Inc. P.O. Box 1048, Kent WA 98035	1PS Technologies, Inc., 2600 104th St S, Lekewood WA 98489	x		A03-02478-262	Nonhazerdous solt				23.45		Nominal 22cy k weighed at TPS 46,000 Lt
8/24/99	Petroleum- contaminated solf (gesoline), Stockpile F4, creek excavation by Geoling/Glacker	City Trensfer, Inc. P O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 6t 8, Lekewood WA 90489	×		A03-02428-283	Nonhezendous solf				21.97		Nominal 24cy k weighed at TPS 43,940 Lt
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	. 1	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Ossoline Yylyme	Soll	Crither	Type of Weeks
Det	" ⊦	Lopetion(s)		Location(a)					Besty	(Geffore)	(Gr 1203)	(<u>ene</u>)	(Peinda)	
8724		Petroleum- contaminated soll (gasoline), Stockpile 14, creek escavetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kerk WA 98035	TPS Technologies, hc., 2800 104th 51 S, Lekewood WA 98499	x		A03-02429-254	Nonhezerdous soil				28.4		Hominal 22cy in buck; weighed at TPS acales - 52,800 Libe
8/24		Petroleum. contaminated soli (gesoline), Stackpile \$4, creek excervation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 81 6, Lakewood WA 98499	X		A03-02428-285	Nonhazardous soil				20.18		Nominel 24cy in truck; weighed at TPS scales 52,320 Lbs
8/24		Petroleum- contaminated soll (gescline), Stockpile #4, creek encovetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B. Lekewood WA \$8489	×		A03-02428-268	Nonhezerdous soll	-			23.74		Nominel 20cy in truck; weighed at TPS scales 47,480 Lbs
6/24		Petroleum- contervineted soll (gesoline), Stockpile 84, crock excertation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1046, Kent WA 98035	TPS Technologies, Inc., 2010: 104th St S, Løkewood WA 95493	X		A03-02420-207	Nontrezerdous soll		 		29.85		Nominal 24cy in buck; weighed at TPS scales \$8,600 Lbs
0/20		Product (gesofine) and under from Baker Tank #1 recovered from horizontal well and exceverior aperations at Hanna Creek	West ^p ec Environmental inc.	Puget Sound Rofining Co (Equilon), 8505 South Texas Road, Anacortes WA 88221	X		19788	Flammable liquid n.o.a (gescline, weler), 3, UN1203, PG II		4,552	448			448 pellows of gooolin recovered from horizon well - stared in Baher P
8/20	6/99	Contamineted water from Bates Tank #1 - recovered from excavation operations at Henne Creek and horizontal well.	WestPac Environmental Inc	Puget Sound Refining Ca (Equilon), 0505 South Texas Road, Anacortes WA 96221	x		19788	Waste Environmentally hazerous liquid , n.o s (DO18), UN3062, PG II	· ·	5,000				Gaselina sifaci watar classify as non-RCR/
ara	0/99	Water recovered from horizontal well and excervation operations at Hanna Creek	Western Rofinary Services	Puget Bound Refining Co (Equilon), 8505 Bouth Texas Road, Anacortos WA 8522 I	×		Streight bill of Inding (Load #1)	Weets Environmentally hazerous liquid (contaminated water), n e s (DO18), UN3082 PG M		3,150				Gescline effect weter cleasely as non-PICR/
evax	0/99	Weter recovered from horizontal well and excavation operations at Hanna Creek	Western Rofinery Services	Puget Bound Refining Ce [Equilon], 8505 South Taxas Road, Anacottes WA 98221	×	•	Streight bill of leding (Loed #2)	Waste Environmentelly hezercus liquid (contaminated water), n e s. (DO18), UN3082 PG M		3,100				Gasoline effect water classely as non-RCR/
8/3	1/90	Water recovered from Itorizontal well and excavation operations at Hanna Creek	Western Refinery Services	Puget Sound Refining Co (Equilon), 8505 South Texas Road, Anacortes WA 90221	x	÷	Straight bill of Inding (Load #3)	Waste Environmentelly hazerous liquid (contamineled weler), n e s (DO18), UN3U81 PG IN		3,150				Gesoline effect weter clessify as non-RCR/
A C BY	2/90	Used persenal protective equipment (PPE), plastic, and silt fonce from remediation efforts	WestPac Environmental Inc.	Olympic View Senilary Landfill, Inc., Bremerian, WA	×		Bill of leding #18021, Olympic View Sankary Landiill Permit # 88- 093	Meterial not regulated by DOT (PPE and debits)					4,200	Nominal 12cy in roll o weighed at Olympic Vi Sanilary Landhill acale 33,400 Lbs (gross)

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Dete	Received From:	Tranaporter	Disposel Facility	Loding	UHWM	Manifest No	Description	Time: Receive	Water Volume	Ossotine Volume (Qyllons)	Boll [[ens]]	Other (Counda)	Type of Weel
9/8/99	Location(1) Water recovered from horizontel well and excevetion operations at Hanne Creek	Western Refinery Services	Log (1997) Puget Sound Refining Co [Equilan], 8505 South Tenus Road, Anecortes WA 98221	×		Streight bill of leding (no number assigned), Loed #4	Environmentally hezerous substance (liquid), n o s (gesoline, sylene), UN3086, PG II		3,100				Gesoline affect v classify as non-F
8/8/89	Webs: recovered from horizontal well and excavation operations at Henna Creek	Western Refinery Services	Puget Gound Refining Co [Equilon], 8505 South Texas Road, Anacortes WA 98221	X		Straight bill of Inding (no number assigned), Load #5	Environmentally hezerous substance (liquid), n o s (gesoline, xylene), UN3000, PG III		3,200				Gesoline effect classify as non-l
8/15/00	Potroleum- contaminated soll (gasoline), Stockpile \$3, pipe excevation by GeoEng/Gleciet	City Transfer, Inc. P.O. Box 1048, Kent WA \$80035	TPS Technologies, Inc., 2000 104th SI 8, Lekewood WA 90499	X		A03-02428-288	Nonhezerdoue solt				28.49		Nominal 24cy in weighed at TP8 56,900 Lb
9/15/99	Petroleum- contaminated soll (gesoline), Stockpile 83, pipe excavation by GeoEng/Chacler	City Transfer, Inc. P.O. Box 1049, Kent WA 90035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 96489	X		A03-02428-268	Nonhezerdous soit				25.55		Nominal 22cy in weighed at TPB 51,100 Lb
9/15/99	Petrolecan- contaminated soit (gasoline), Stockpile \$3, pipe accevation by GeoEng/Glacier	CRy Transfer, Inc. P.O. Box 1045, Kent WA 88035	TPS Technologius, Inc., 2800 1040; St 8, Lekewood WA 86499	X		A03-02428-270	Nonhezerdous solt				27.73		Nominal 24cy h weighed at TPS 55,400 Lt
D/15/98	Petroleum- contaminated soll (gesoline), Stockpile \$3, pipe encevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lakewood WA 98499	×		A03-02429-271	Nonhazardoua soli				30.48		Nominal 22cy weighed at TPS 80,880 L
B/15/99	Petroleum- conteminated soll (gesoline), Stockpile 83, pipe excernition by Geoting/Olacier	City Trensfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 96499	×		A03-02478-272	Nonhazardous soll				28.71		Hominal 24cy weighed at TPS \$7,420 Li
9/15/99	Petroleum- contaminated soli (gesoline), Stockpile \$3, pipe excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 180035	TP8 Technologies, Inc., 2009 104th 51 5, Lekewood WA 99499	X		A03-02428-273	Nonhezerdous soll				20.3		Nominal 22cy I weighed at TPS 56,000 Li
915/99	Petroleum- conteminated soll (gesetine), Stockpile #3, pipe excevation by GeoEng/Otecler	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 96499	X		A03-02429-274	Nonhezerdous soll				28.14		Nominal 27cy i volghod at TPS 50,260 Li
8/15/90	Petroleum- contaminated self (gesoline), Slockpile #3, pipe excavation by GeoEng/Glacler	City Transfer, Inc. P.O. Box 1045, Kent WA 95035	TPS Technologies, Inc., 2000 104th \$1 8, Lakewood WA 86499	×		A03-02428-275	Nonhazardous soll				29.04		Nominal 24cy weighed at TP8 58,060 L
9/15/98	Petroleum- contamnated soll (gaseline), Stochpile #3, pipe excevetion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th SI 8, Lakewood WA 98489	×.		A03-02429-278	Nonhszerdous soll				29 27		Nominal 22cy weighed at TPS 58,540 L

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Date	Received From:	Transporter	Disposal Facility	Lading	UHWM	Monifest No	Description	Time:	Weter Volume	Ossofine Volume	Soll	Other	Type of West
	Location(s)	1	Location(s)					Reselve	(Gellone)	(Gefone)	([979)	(Peunde)	
Ø/15/99	Petroleum- contaminated solt (gasoline), Stockpile #3, pipe excavation by GeoEng/Glacter	City Transfer, Inc. P O. Box 1045, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B, Lakewood WA 96499	x		A03-02428-217	Nonhazardous soil				29.16		Nominal 22cy in t weighed at 1P6 sc 58,320 Lbs
B/15/99	Petroleum- contaminated soll (gesethe), Stockpile 93, pipe excevetion by GeoEng/Glacker Petroleum-	City Trensfer, Inc. P.O. Box 1040, Kent WA 80035	TPS Technologies, inc., 2000 104th St 6, Lekewood WA 96499	x		A03-02420-278	Nonhezerdoue soll				75 25		Hominal 24cy in a weighed at 1P8 ac 50,600 L ba
B/15/99	contemineted soil (gesoline), Blackplie \$3, pipe excevelian by GeoEng/Glacier	City Trensfer, Inc P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S, Lehewood WA 90499	X		A03 02429-279	Nonhazardous soll				2687		Nominal 24cy in 1 weighed at TP8 sc 53,340 Lbe
8/15/99	Petroleum- contaminated soll (gesoline), Stockpile #3, pipe secention by GeoEng/Glacier	City Transfer, Inc. P.D. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 98499	X		A03-02428-280	Northazerdous solf				24.85		Nominal 220y in 1 weighed at TPS ac 49,700 Lba
9/15/99	Petroleum- contaminuted soll (gasoline), Stockpile #3, pipe excavation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St 6, Lekewood WA 88499	X		A03-02429-281	Nonhazardous solt				27.53		Nominal 24cy in t weighed at TPS ac \$5,080 Lbs
8r15/99	Petroleum- contaminated soft (gesothe), Stockpile \$3, pipe excevation by GeoEng/Glacier	Chy Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologiea, Inc. 2000 104th St 6, Lekewood WA 96499	X		A03-02428-282	Nonhazardous soll				24.09	· .	Nominal 22cy in 1 weighed at TPS ac 49,800 Lba
8/15/98	Petroleum- contaminated soll (gasoline), Stockpile \$3, pipe ancevetion by <u>GeoEng/Glacker</u>	City Transfer, Inc. P.O. Box 1048, Kerk WA 98035	TPS Technologies, Inc., 2000 104th 8t S. Lekewood WA 95499	x		A03-02428-283	Nonhezerdaus soli				75.22		Hominal 22cy in 1 weighed at TPS ac 50,440 Lbs
9/15/99	Petroleum- contaminated soft (gaseline), Stockpile \$3, pipe encevation by GeoEng/Glacier	City Transfer, Inc. P.O. Boy 1048, Kant WA 88035	TPS Technologies, Inc., 2800 104th 8t 8, Lekewood WA 98489	X		A03-02428-284	Nonhazerdous solf				25.17		Nominal 22cy in 1 weighed at TPS at 50,340 Lbs
BV15/DB	Petroleum- conterninated soll (gesetine), Stockpite #3, pipe encavelion by GeoEngGipcler	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 954th9	x	-	A03-02429-285	Nonhezwdoue soll				27.65		Nominal 22cy in 8 weighed at TPS ac 55,300 Lbs
8/15/09	Petroleum- contennented soll (gesoline), Stockpile P3, pipe succession by GeoEng/Glacter Patroleum-	City Transfer, Inc. P.O. Box 1049, Kent WA 99035	TPB Technologies, Inc., 2800 104th St B, Lakewood WA 98489	x		A03-02429-208	Nonhazardous soll		·		26.96		Nominal 24cy in 1 weighed at TPS ac 57,950 Lbs
9/15/09 9/15/99	Contamnated soll (gesoline), Stockpile \$3, pipe succestion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1045, Kanl WA 86035	198 Technologius, Inc., 2800 104th St S, Lekewood WA 98409	x		A03-02428-287	Nonhazərdous soll				28.81		Nominal 24cy in a weighed at TPS ac \$3,620 Lbs

		T		Loding	UHIWM	Menifett No	Description	Time:	Weter Volume	Gasoline Volume	Boll	Other	Type of Was
Dete	Received From:	Transporter	Disposal Facility					Reseite	(Gellona)	(Gettona)	_(Imi)	(Pounda)	
9/15/99		City Transfer, Inc. P.O. Box 1048, Kent WA 98035	Losation(s) TPS Technologies, Inc., 2000 104th SI 5, Lettewood WA 95499	x		A03-02429-288	Nonhezerdouis soll				28.49		Nominal 24cy h prolyhod at TP5 52,860 Ll
9/15/99	83, pipe sucevelion by GeoEng/Giacier Petroleum- contaminated soll (gesoline), Stockpile 83, pipe encevelion by	Ch. Transfer Int	TPS Technologies, Inc., 2800 104th St 8, Lukewood WA 98499	x		AD3-02428-289	Nonhezerdous soll				30 57		Nominal 22cy I weighed at TPS 61,140 L2
9/15/09	GeoEng/Glacier Weter recovered from pipe time from hydro test	WestPac Environmental Inc.	Puget Sound Refining Co. [Equilon], 8305 South Texas Road, Anacortes WA 99721	×		19962	Environmentally hazarous substance (liquid), n o.s. (gesoline, sylame), UN3088, PG M		5,000			 	Gaseline effec claselly as nor
8/15/99	Water recovered from pipe line from hydro test (1,000 get) and harizontal well (4,000	WestPac Environmental Inc.	Puget Sound Refining Ce (Equilani), 8505 South Texas Road, Anecottes WA 98221	×		19983	Environmentally Inazerous substance (liqukd), n o s (gesoline, sylene), UN3000, PG II		5.000				Gesofine affec classify as not
9/15/98	gal) Water recovered 8/7/98 during a water tesh in the 60° pipe excention	Westorn Refinery Services	Puget Sound Refining Co (Equilon), 8505 South Taxes Road, Anecotes W/ 88221	. ×		Streight bill of Inding (no number assigned), Load #6	Environmentelly hazerous substance (figuid), n e s. (gasoline, sylene), UN3060, PG M		3,100	 			Gesoline alle clessify as no
\$V16/99	Petroleum- contaminated soll (gasoline), Stockple #1, pips excavation by	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St B, Lakewoo WA 98499	d X		A03-02429-290	Nonhazardous soll				2596		Nominal 22cg weighed at TP 51,900
Br16/99	GeoEng/Glaclet Petroleum- contamineted soll (geocline), Stochpile \$1, pipe excevation by GeoEng/Glaclet	CBy Transfer, Inc. P.O. Box 1045, Kerr WA 86035	1PB Technologies, Inc., 2000 104th St S. Lekenoo WA 98499	X		A03 (7428-201	Nonhazerdous soll				28.21		Nominal 220 weighed at TF 52,420
9/16/99	Petroleum- contaminated soft (gescline), Stockpile #1, pipe encayation by GeoEng/Glacier	City Transfer, Inc. P.O. Boit 1048, Ken WA 99035	TPS Technologies, Inc., 2800 104th St S. Lekewoo WA 96499	X be		AQ3-02428-282	Nonhazardous soll			_	27.41	_	Nominal 22e weighed at TF 54,820
9/16/50	GeoCngrGinzter Petroleum- contermineted solf (geocline), Stockpile #1, pipe excevelion b GeoCng/Ginziet	City Transfer, Inc. P.O. Box 1040, Ker WA 80035	TPS Technologies, Inc. 2000 104th SI 5, Lehewo WA 99409	x bo		A03-02429-293	Nonhazentous sol				20.70	-	Nominal 24c weighed at Ti 57,580
\$16/08	Petroleum- contemineted soll		TPS Technologies, Inc. 12000 104th St 8, Lekewo WA 98499			AD3-07479-294	Nonhazardous sol	-			28.34	•	Nominal 24c ywlghed el T 50,650
9/16/98	Petroleum- Noe betenimetrop		nt 2000 104th St S, Lakewa WA 90499	X box		AD3-02429-295	Nonhazardous so	•			25 8	•	Hominal 22 weighed at T \$1,00

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0.0	Received From:	Transporter	Disposal Facility	Lading	UHWM	Menifest No	Description	Time:	Water Volume	Gavotine Yetyme	Bolt	Other	Type of Wi
Detu	Location(s)		Location(s)					Receve.	[Gengens]	(Getlont)	(Tene)	(Pernda)	ويستعار المعاقب والإيران فيرم
B/16/99	Petroleum- contamineted soll (gesoline), Stockpile \$1, pipe encevation by GeoEng/Charler	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2003 104th St 8, Lakewood WA 98499	x		A03-02429-298	Nonhezerdous soll	<u>.</u>			26.5		Nominal 22cy weighed at TP8 51,000 L
9/10/96	Petroleum- contemineted soll (gesoline), Stockpile #1, pipe encovation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1049, Kent WA 90035	195 Technologies, Inc., 2000 164th St 5, Lakewood WA 98499	X		A03 02429-297	Nonhezerdoue solf				20.83		Nominal 22cy weighed at TPI 53,000 L
9/10/99	Petroleum- contemineted soll (gesoline), Stockpile #1, pipe excevation by GeoEng/Glacier	City Transfer, Inc. P O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th Bt S. Lekewood WA 98499	X		A03 02429-293	Nanhazardoue soit				26.2		Nominal 24cy weighed at TPI \$2,400 L
8/16/98	Petroleum- contermineted soff (gesoline), Stockpile \$1, pipe excavation by GeoEng/Glacter	City Transfer, Inc. P.O. Bou 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St S. Lekewood WA 98499	<u>,</u> X		AU3-02429-299	Nonhazerdous soll				28 88		Nominet 24cy weighed at TP 57,380 (
9/17/9 4	2,435 get of water recovered 817/09 during a water leak in the 80° pipe excavation and 855 getions of water from horizontal well	Western Refinary Services	Puget Sound Refining Ce (Equilon), 8505 South Teres Roed, Anicortes WA 98221	X		Streight bill of leding (no number assigned), Loed 47	Environmentally hazarous substance (liquid), n o s (gasoline, xylene), UPJ3068, PG B		3,100				Gesoffne affe clussify so no
9/20/99	Wash water from Baynew line	Western Refinery Services	Puget Sound Refining Co [Equilon], 8505 South Texes Road, Anacortes WA 96221	x		Streight bill of Inding (na number assigned), Load #8	Environmentally hazarous substance (liquid), n o s (gasoline, xylene), UN3085, PG III		3,000				Gesoline effe classify as no
9/20/99	10 cy of lightly gesciline contaminated organic debris such as leaves, hay, and branches	WestPac Environmental Inc.	Olympic View Senitary LandHil, Inc., Brementon, WA		X	Bill of Jeding #777. Olympic View Sanilary Landift Permit # 99- 093	Meteriel not regulated by DO1 (organic debits)					Weight will be available st a leter clube	Nominal 10cy weighed at Oly Semilary Londf 777 Lbe (r
9/20/96	Patroloum- conteminated soft (gasoline), Stochpile #1, pipe excernation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 5, Lakewood WA 06409	x		A03-02429-300	Nonhazardous sol				23.4		Nominal 220 weighed at TF 40,800
8/20/98	Patroleum- contaminated soft (gaseline), Stockpile \$1, pipe excevation by GeoEng/Glacler	City Trensfer, Inc. P O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th SI B, Lehewood WA 95499	×		A03-02429-301	Nonhezerdous soll				24.34		Nominal 22c weighed at 1F 48,660
8/20/98	Petroleum- contaminated soll (gesoline), Stackpills \$1, pipe succession by GeoEng/Glacter	City Transfer, Inc. P.O. Bax 1048, Kent WA 80035	TPS Technologies, Inc., 2000 104th 81 S, Lekewood WA 80499	X		A03-02429-302	Nonhezerdous soll				28.68		Hominal 22c weighed at 17 57,300
9/20/99 9/20/99 9/20/99	Petroleum- conteminated soll (geseline), Stockpile \$1, pipe excevation by GeoEng/Glacier	City Transfar, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2000 104th \$1 8, Laherooc WA 90499	X		A03 02428-303	Nonhazerdoue soll				26 57		Nominal 22c weighed at TF \$3,140

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Dete	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Weter Volume	Oseoline Votume	\$off	Other	Type of Waste
-	Location()		Location(e)					Beselve.	(Gattona)	(Getons)	([909)	(Perneta)	
8/20/91	\$1, pipe excervation by GeoEng/Glacier	City Trensfer, inc. P.O. Bax 1045, Keni WA 98035	7P5 Technologies, Inc., 2600 104th St B, Lekewood WA 96499	. X		A03-0242 8 -304	Nonhezardous soll				26.36		Nominal 22cy in tr weighed at TP6 sca 52,720 Lbs
9/20/09	#1, pipe excevation by GeoEng/Glacler	City Transfer, Inc. P.O. Box 1048, Kan WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 90499	x		A03-02429-305	Nonhazerdous soll				28.59		Nominal 220y in in weighed at TPS ac 53,160 Lbs
\$/20/99	#1, pipe excevelion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98005	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 98499	x		A03-02429-306	Nonhezerdous soll				27.01		Nominal 220y in tr weighed at TPS ac 54,020 Lbe
9/20/99	#1, pipe excernition by GeoEng/Glacier	City Trensfer, Inc. P O. Box 1048, Kent WA 88035	TPS Technologies, Inc., 2800 104th St 8, Lekewood WA 90480	×		A03-02428-307	Nonhezerdous soft				27.00		Nominal 22cy in in weighed at TPS ac 54,180 Lbe
8/20/98	#1, pipe excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 1040h 61 8, Lakewood WA 96499	x		A03-02428-308	Nonhegerdous soll				25 8		Nominal 22cy in b weighted at TPS acc 51,200 Lbs
BY20199	#1, pipe excevation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2800 104th St S, Lakewood WA #3499	x		A03-02428-308	Nonhazardous soil				26.82		Nominal 22cy in b weighed at TPS ac 53,540 Lba
9/20/99	Petroleum- contaminated soll (gesoline), Stockplia #1, pipe excevation by GeoEng/Glacier	City Trensfer, ing. P.O. Box 1048, Kent WA 98035	7P8 Technologies, Inc., 2000 104th 81 B, Lekewood WA 98499	x	1	A03-02428-310	Nonhazerdous soll				27.92		Nominal 22cy in 9 weighed at TPS ac 55,840 Lbs
Ø/20/99	Petroleum- conteminated sell (greekne), Stockpile #1, pipe encevetion by GeoEng/Glacter	City Trenefer, Inc. P D. Box 1048, Kers WA 88035	TPS Technologius, Inc., 2000 104th St 8, Lakewood WA 98499	x		A03-02429-311	Nonhezerdous solf				28.39		Nominal 22cy in tr velghed al TPS sci 55,720 Lbs
9/20/89	Petroleum- contemineted soli (gesoline), Stockpile 21, pipe supervetion by GeoEng/Glacier	City Trensfer, Inc. P.O. Box 1046, Kent WA 99035	TPS Technologies, Inc., 2000 104th St S. Lekewood WA 95469	x		A03-02429-312	Nonhazerdoue soll				25.21		Nominal 22cy in in weighed at TPS act 50,420 Lbs
9/20/99	Patroleum- contamthated soll (gesoline), Slostpite #1, pipe succession by GeoEng/Olacier	City Transfer, Inc. P.O. Box 1048, Kant WA 98035	TPS Technologies, Inc., 2800 104th St S, Lekewood WA 85499	×		A03-02428-313	Nonhazardoua poli				20.92		Nominal 22cy in In weighed at TPS aca 53,840 Lbs
9/20/56	Petroleum- contemineted solt (geodine), Stochpile \$1, pipe excevation by GeoEng/Clacler	City Transfer, Inc. P.O. Box 1048, Kent WA 88035	TPB Technologies, Inc., 2600 104th 81 8, Lekewood WA 95499	×		A03-02428-314	Nonhazardouu şoli				20,20		Nominal 22cy in tru weighed at TPS aca 52,520 Lbs

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		T	Disposal Facility	Lading	UHIMMA	Manifest No	Description	Time:	Weter Volume	Ossolina Volume	Boll	Other	Type of Weste
Date	Received From:	Transporter						Receive.	(Qeffong)	(Gettorn)	_([971]	(Poundo)	
9/20/99	Location(s) Petroleum- contaminated soll (gasoline), Stockpile 81, pipe excevation by GeoEng/Giacter	Cky Transfer, Inc. P O Box 1048, Kent 2 WA 95035	Lottinologies, Inc., 2000 104th St S, Lekewood WA 90409	x		A03-02428-315	Nonhazardous soff				25.99		Hominal 22cy in b weighed at TPS ac \$1,800 Lbs
9/20/99	Geocryclactor Petroleum- contarrinated soll (gesoline), Blockpile 81, pipe excavation by GeoCng/Otacier	Chy Transfer, Inc. P.O. Box 1048, Kert WA 98035	TPB Technologies, Inc., 2000 104th St 8, Lakewood WA 93499	X		A03-02429-318	Nonhezerdous soll				28.81		Hominal 22cy in I weighed at TPS ac 57,820 Lbs
9/20/99	Petroleum- conteminated soft (gesoline), Stockpile \$1, pipe excerction by GeoEng/Giscler	City Transfer, Inc. P.O. Box 1040, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 98409	X		A03-02429-317	Nonhezerdous soll				30,15		Nominal 22sy in 1 weighed at TPS so 00,300 Lbs
9/20/99	Petroleum- contaminated soll (geseline), Stockpile #1, pipe accavation by	City Transfer, Inc. P.O. Box 1048, Kant WA 98005	TPS Technologies, Inc., 2000 104th 51 S, Lekewood WA 88499	X		AD3-02429-318	Nonhezerdous solt				27.82		Nominal 24cy in weighed at 178 e 55,640 Lba
9/20/96	GeoEng/Glacier Pstroleum- contaminated solf (gesoline), Stockpile p1, pipe excevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1045, Kent WA 96035	TPS Tactmologies, Inc., 2000 104th St B, Lehawood WA 98499	×		A03-02429-319	Nonhezardous soli				26.97		Nominal 22ny in weighed at TPS (53,940 Lb
8/20/99	Petroleum- contaminated sofi (gesotine), Stochpile \$1, pipe ancevation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA \$8035	TPS Technologius, Inc., 2600 104th 6t 5, Lakewood WA 98489	x		AG3-02429-320	Nonhezerdou's soll				25.13		Nominal 24cy in weighed at TPS 50,200 Lb
9/20/98	Petroleum- conteminated soll (gesolino), Stockpile \$1, pipe excession by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 31 S, Lekewood WA 90499	×		A03-02429-321	Nonhezerdous soll				27.89		Nominal 22cy is weighed at TPS 55,780 Lb
9/21/99	Baker book unter from	Western Rollnery Services	Puget Sound Refining Co. [Equiton], 8505 South Texas Road, Anacortes W/ 98221	x		Simight bill of leding (no number scsigned), Loed #9	hazarous substance	·	3,050				Gesoline affect clausily es non
9/21/91	Petroleum- contaminated soli (gesoline), Stockpile #1, pipe excavation by GeoEng/Giscier	City Transfer, Inc. P.O. Box 1049, Kent WA 98035	IPS Technologies, Inc., 2000 104th 51 8, Latewood WA 98499	x	•	A03-02429-322	fionhazardous poli	_			20.08		Nominal 22cy b weighed at TPS 52,120 L1
9/21/94	Petroleum- contaminated soli	City Trensfer, Inc. P.O. Box 1048, Ken WA 96035	1795 Technologies, Inc., 2800 104th 51 5, Lekewoo WA 90499	a x	-	A03-02429-323	Nonhezerdous sol				26,13		Nominal 22cy I weighed at TPS 52,260 Li
B/21/80	Patroleum- contaminated soll		1PS Technologies, Inc., 1 2000 104th St S, Lekewoo WA \$6499	a x		A03-0247 0 -324	Nonhezentoue pol	•			25.48		Howinet 24cy l weighed et TPS 50,000 L

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	Dete	Received From:	Transporter	Disposel Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Geeoline Volume	Roll	Other	Type of Weste
		Location(1)		Location(a)	-				Receive.	(Gallons)	(Gellone)	(Tens)	(Pounds)	
	9/21/90	Petroleum- contaminated soll (gesoline), Stockpile #1, pipe ansavation by GeoEng(Glacier	City Transfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th St 6, Lakewood WA 90400	x		A03-02429-325	Nonhazardous soil				27.07		Nominal 22cy in Iruch; weighed at TPS scales - 54,140 Lbs
	9/21/99	Petroleum- contamineted soll (gesoline), Stockpile #1, pipe excernation by GeoEng/Glacier	City Transfer, Inc. P O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 64 6, Lakewood WA 96499	X		A03-02429-326	Nonhezerdous soll				26.9		Nominal 24cy in truck; weighed at TPS scales - \$3,800 Lba
	9/21/09	Petroleum- conternineted soll (gesolino), Stoctpile #1, pipe mosvellan by GeoEng/Chicker	City Transfer, Inc. P.O. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th 8t 6, Lekewood WA 98499	x		A03-02429-327	Nonhezerdous soll	· .			27.31		Nominal 24cy in truck; weighed at TPS scales - \$4,820 Lbs
	9/21/00	Patroleum- contaminated solf (gesolins), Stackpile \$1, pipe encevelion by GeoEng/Glacier	City Trensfer, Inc. P.O. Box 1048, Kent WA \$5035	TPS Technologies, Inc., 2800 104th St B, Lekewood WA 98499	×		A03-02478-328	Nonhezerdous solt				25.47		Nominal 22cy in truck; weighed at TPS scales - 50,040 Lbs
	9/21/99	Petroleum- contamineted soft (geseline), Stoctatle #1, pipe encavetion by GeoEng/Glacter	City Trensfer, Inc. P.O. Box 1048, Kent WA 89035	TPS Technologies, Inc., 2000 104th St S. Lakewood WA 98499	X		A03-02428-329	Nonhezerdous soil				28.00		Nominal 22cy in Inuck; weighted at 7P8 scales - \$3,300 Lbs
	8/21/96	Petroleym- contentinated soll (gesofine), Slockpite #1, pipe excevation by GeoEng/Glacier	City Transfer, Inc. P O. Box 1045, Kant WA 98035	TPS Technologies, Inc., 2500 10405 SI B, Lekewood WA 98499	x	-	A03-02429-330	Nonhazardouti soll				20.67		Nominal 24cy in truck; weighed at TPS scales - \$3,340 Lbs
	9/21/90	Petroleum- contaminated soll (gesoline), Stockpile #1, pipe excavelion by GeoErg/Glacier	City Transfer, Ine. P.O. Box 1048, Kert WA 89035	TPS Technologies, Inc., 2000 104th St S, Lakewood WA 98499	x	:	A03-02429-331	Nonhazardous soll		-		27.83		Hominal 22cy in buck; weighed at TP3 scales - \$5,000 Lbs
•	8/21/99	Petroleum- contaminated soll (gasoline), Stockpile #1, pipe excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Bax 1048, Kent WA.98035	TPS Technologies, Inc., 2000 104th 8t 8, Lakewood WA 90499	x		A03-02429-332	Nonhazerdous soll			- <u>.</u>	25.26		Nominel 24cy in truck; weighed at TPS acates - 50,600 Lbs
CONFIDENTIAL DO NOT COPY	9/21/99	Petroleum- contaminated sell (gesofine), Stockpile #1, pipe encavelion by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1945, Kent WA 90035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 98499	X		A03-02429-333	Nonhazerdous soll	!			24.8		Nominal 22cy in buck; weighed at TPS scales - 49,000 Lbs
DENTU JT COP	9/21/09	Petroleum. centeminated soit (gevoline), Stochpile S1, pipe exceivation by GeoEngOlacies	City Transfor, Inc. P.O. Box 1049, Kert WA 98035	TPS Technologies, Inc., 2000 104th SI 5, Lakewood WA 95499	×		A03-02429-334	Nonhazardous solt				20.59		Hominal 24cy in buck; weighed at TPS acates - 57,180 Lbs
74¥ 2005	9/21/99	Petroleum- eontaminated soft (gasofine), Stockpffs #1, pipe escevation by GeoEng/Glacier	City Trensfer, Inc. P.O. Box 1048, Kent WA 88035	TPS Technologies, Inc , 2000 10417 SI 5, Lokewood WA 98488	×		A03-02428-335	- Nonhezerdous soll				30.8		Nominal 22cy in inucly; weighed at TPS acates - 61,600 Ltsp

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Date	Received From:	Transporter	Disposal Facility	Leding	UHWM	Manifest No	Deecription	Time;	Water Volume	Ossoline Volume	Soll	Other	Type of Weete
	Petroleum-		Locetton(s)	-		A DESCRIPTION OF THE OWNER, NAME OF THE OWNER, OF THE O	-	Receive	(Ogliona)	(Gellont)	_(tene)	(Pounda)	
8/21/81	conteminated soil (gesoline), Stockpile #1, pipe excevelion by GeoEng/Giscier	City Transfer, Inc. P.O. Box 1045, Keri WA 95035	TP5 Technologies, Inc., 2000 104th \$1 8, Lekewood WA 90499	x		A03-02429-338	Nonhezerdous solt		•		28.73		Hominal 24cy in th weighed at TPS act 57,400 Lba
9/21/91	91, pipe sucevation by GeoEng/Glacier	City Transfer, Inc P.O. Box 1046, Keni WA 98035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 88499	x		A03-02429-337	Nonhezerdous solt				28.95		Nominal 22cy in tr weighed at TPS ac 57,800 Lbe
9/21/99	Petrieum- contaminated sali (gesolino), Biockpile 91, pipe excevation by GeoEng/Chacler Petroleum-	City Trensfer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 81 8, Lakewood WA 98499	x		A03-02429-338	Nonhazardous soit				28 9		Nominal 24cy in 9 weighed at TPS ac 57,800 Lbs
9/21/09	contaminated soll (gesoline), Stockpile #1, pipe excavation by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 194th St S. Lekewood WA 80499	x		A03-02429-339	Nonhezerdous soit				27.61		Nominal 27cy in 8 weighed at TPS ac 55,220 Lbs
9/21/99	Petroleum- contaminated and (gasoline), Stactpile \$1, pipe excevedion by GeoEng/Glacter	City Transfer, Inc. P.O. Box 1048, Kant WA 98035	TPS Technologies, Inc., 2800 104th 6t S, Lakewood WA \$5499	X		A03-02428-340	Nonhazardoya soll				28.36		Nominal 24cy in 5 weighed at TPS ac 56,700 Lbs
9/21/89	Patroleum- contaminated soll (gesoline), Stockpile #1, pipe excevation by GeoEng/Cliacier	City Transfer, Inc. P.O. Box 1048, Kent WA 80035	TPS Technologies, Inc., 2800 104th St 6, Lekewood WA 90499	x		A03-172429-341	Nontwendous solf				27.75		Nominal 24cy in t weighed at TPB ac 55,500 Lba
9/21/99	Patroleum- contenninetad soft (gesetine), Stockpite #1, pipe excevation by GeoEng/Olacier	City Transfer, Inc. P.O. Box 1048, Kert WA 90035	TPS Technologies, Inc., 2000 104th St S, Lehewood WA 90499	x		A03-02429-342	Nonhazsidous soll				30.29		Nominal 24cy in a weighed at TPS pc 00,600 Lbs
9/23/99	Petoleum- contamineted solt (gesoline), Stockpite \$1, pipe accevation by <u>GeoEng/Glacier</u>	City Transfer, Inc. P.O. Box 1048, Kent WA`980395	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 98489	x		A03-02428-343	Nonhezerdous solt				27.55		Nominal 24cy in 8 weighed at TPS ac 54,700 Lbs
9/23/99	Petroleum- contaminated soll (gesoline), Stockpile #1, pipe ancaveton by GeeEngGlacter	City Transfelt, Inc. P.O. Box 1048, Kant WA 98035	TPS Technologies, inc., 2000 104th 81 8, Lehewood WA 98499	x		A03-02429-344	Nonhazaidous soti				25.9		Nominal 22cy in in weighed at TPS sci \$1,800 Lbs
6/23/99	Petroleum- contaminated soll (gasoline), Stoctpile #1, pipe excavation by GeoEng/Olacier	City Trenefer, Inc. P.O. Box 1048, Kent WA 98035	TPS Technologies, Inc., 2000 104th 6t 6, Lekewood WA 98499	×		A03-02479-345	Nonhezeidous soll				25.32		Nominal 22cy in it weighed at TPS sci 50,640 Lbs
0/23/99	Patroleum- contamineted soll (gesolive), Skockpites #1/3, pipe excevelion by GeoEng/Giscier	City Transfer, Inc. P.O. Box 1048, Kent WA 99035	TP5 Technologies, Inc., 2800 10495 81 8, Lakewood WA 98499	×		A03-02429-346	Nonhezerdous soll				27.1		Nominal 24cy in in weighed at TPS sci \$4,200 Lits

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1	Received From:	Transporter	Disposal Facility	Lading	UHWIN	Manifest No	Description	Time:	Water Volume	Volume_	Soll	Other	Type of Wa
Dete			Lecetion(s)					Brenne.	(Gatjous)	(Qationa)	_([ems)	(Pointe)	ويتباد والمتهاد والمتهاد والم
9/23/99	Locetion(1) Petroleum- contaminated soll (gesoline), Stockpilve #1/3, pipe exceivation by GeoEng/Glacler	City Transler, Inc. P.O. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th St 6, Lakewood WA 98499	X		A03-02429-347	Nonhazerdous soil			-	27.73		Morninal 24cy weighed at TPS 55,480 L
9/23/59	Petroleum- contaminated soll (gesoline), Blockpiles #1/3, pipe ancevetion by Geoting/Glaciet	City Transfer, Inc. P.O. Box 1048, Kant WA 88035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 98409	X		A03-02428-349	Nonhezerdous soll		· .		26,75		Nominal 24cy weighed at TP 53,500 I
9/23/99	Petroleum- contamineted soll (gesoline), Stockpline #1/3, pipe succestion by GeoEng/Glaciet	City Transler, Inc. P.O. Bou 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th St 8, Lekewood WA 90499	X		A03-02429-349	Nonhezerdous soll				24.23		Nominal 22cg weighed at TF 48,480
9/23/99	Petroleum- contaminated soft (gasofine), Stockplies #1/3, pipe excevation by GeoEng/Otscier	City Transfer, Inc. P.O. Box 1048, Kent WA 80035	TPS Technologies, Inc., 2000 104th St S, Lekenood WA 90409	X		A03-02428-350	Nonhezerdous soll				24.07		Nominal 220 weighed at TT 45,140
9/23/08	Petroleum- contaminated soli (geseline), Stockpiles # 1/3, pipe encoustion by GeoEng/Olacier	City Trensfor, Inc. P.O. Box 1948, Kert WA 88035	TPS Technologies, Inc., 2800 104th 81 8, Lekewood WA 98499	X		A03-02429-351	Nonhezerdous pol				27.07		Nominal 220 weighed at TI 54,140
9/23/98	Patroleum- contaminated soll (gesofine), Stockpiles #1/3, pipe excavation by GeoEng/Glacier	City Transfer, Inc. P.O. Box 1048, Kerl WA 96035	TPS Technologies, Inc., 2803 104th 51 5, Lakewood WA 98489	×		A03-02429-352	Nonhezerdous solf				23.51		Nominal 24 weighed at T 47,021
9/24/89	Weler receivered from pipe line from hydro test	West ^p sc Environmental Inc.	Puget Sound Refining Co (Equiton), 8505 South Texas Road, Anacortes WA 98221	×		19610	Environmentally hazarous substance (liquid), n o s. (gesoline, xylene), UN3082, PO H		5,000				Gesofine el classify es
9/24/99	Weler from herizontal well	WetPac Environmentel Inc.	Puget Sound Refining Ce (Equilion), 8505 South Texes Roed, Amcortes WA 90221	x		19011	Environmentally hezerous substance (liquid), n o s (gasoline, xylene), UN3062, PG W		4,750			<u> </u>	Gasofine e classify as a sample WCI-I
8/25/99	Petroleum- conteminated soll (gasoline), Stockpliet #2/3, pipe excevation by GeoEng/Glacier		1775 Technologies, Inc., 1 2000 10417 51 5, Lakewood WA 20499	a X		A03-02428-353	Nonhezardous solf				20.0		Hominal 24 weighed at 1 54,24
9/28/99	Petroleum- conteminated soll (gesoline), Stachpler 92/3, pipe excevelor by GeoEng/Glecier		TPS Technologies, Inc., 12000 104th St S, Lekewoo WA 90499	a X	_	A03-02429-354	Nonhazerdous soil				27.12		Nominal 2 weighed at 54,24
9/20/99	Petroleum- contaminated self (gasoline), Stochpile #2/3, pipe sucavellor by GeoEng/Olacies	City Trensfer, Inc. 9 P.O. Box 1049, Ker WA 98035		X		A03-02429-355	Nonhezerdous sol				20.3		Hominal 2 weighed at 50,0

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	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No.	Description	Time:	Weler Volume	Oscoline Volume	Soll	Other	Type of Weels
Date			Locettor(a)					Receive	(91902)	(Gelore)	_([em]_	(Poynda)	
8/21/99	#2/3, pipe excevelion	City Transfer, Inc. P.O. Box 1043, Kent WA 95035	TPS Technologies, Inc., 2001 104th St 5, Lakewood WA 98489	X		A03-02429-358	Nonhazardous soil				27,31		Nominal 22cy in buck; weighed at TPS scales - 54,620 Lbs
9/28/99	by GeoEng/Glecier 10 cy of lightly geopline contaminated plastic and PPE	WestPac Environmental Inc.	Olympic View Senitary Londfill, Inc , Bremerlon, WA	x		Bit of lading #19812, Olympic View Sentery Landfill Permit # 99- 093	Material not regulated by DOT					Weight will be available at a loter date	Nominal 10cy in roll off; weighed at Olympic View Senitury Landfill scales - 777 Libe (grees)
10/4/99	2.000 get hom excevation and 1.100 get from Beker tank water from the horizontal wet	Western Flofinery Services	Pugel Sound Refining Co (Equilon), 8505 South Taxes Road, Anacortes WA 98221	X		Straight bill of leding (no number assigned), Load #10	Nonhazardous liquid		3,100				Gessiine affect weter; clessily as non-RCRA, samples WCI-PT-93098-1 end WCI-BTW-91599-1
10/4/89	3,000 get from Beker tenk water from the horizontal well	Western Refinery Services	Puget Sound Refining Co (Equiton), 8505 South Texes Road, Anacortes WA 98221	×		Streight bill of leding (no number assignod), Loed #11	Nonhazardous liquid		3,000				Gasoline affect water; classify as non-RCRA, semple WCI-BTW-91599-1
10/5/99	2,000 get ham excevetion	Western Refinery Services	Puget Sound Refining Co (Equilon), 6505 South Tours Road, Anacorles WA 90221	x		Struight bill of Inding (no number assigned), Loed #12	Nonhezerdous liquid		3,100				Gesoline effect weter, clessify as non RCRA, sample WCI BTW-81599-1
10/5/99	3,100 get from Baker tank water from the horizontal well	Western Refinery Services	Puget Bound Refining Ce (Equilion), 8505 South Texes Road, Anecortes W/ 98221	X		Straight bill of lading (no number assigned), Load #13	Nontuzurdous liquid		3,100		·		Gasoline affect welvr; clavelly as non-RCRA, semple WCI BTW-81599-1
10/5/99	Petroleum- contaminated soli (gesoline), Stockpile 83, pipe sucavation by Snelson	CRy Trensfer, Inc. P.O. Box 1048, Kent WA 90035	TPS Tectualogies, Inc., 2000 104th St 8, Lakewaa WA 98409	X		A03-02429-357	Nonhazardova aoli				Weight wi be evellable a leter del	ul I	Nominal 22cy in truck; weighed at TPS scales - 77 Lbe
10/5/99	Petroleum- contaminated soli (gasoline), Stockpile #3, pipe excavation by Snetson	City Transfer, Inc. P.O. Box 1048, Kent WA 90035	TPS Technologies, Inc., 2000 104th St S, Lekewood WA 90490	s X		A03-02428-358	Nonhezerdous soll				Weight w be evallable : a later del	n	Nominal 22cy in truck; weighed at TPS scales - ?? Lbs
10/5/99	Petroleum- contemineted soft (gesofine), Stockpile 83, pipe excevetion by Bnoleon	City Trensfer, Inc. P.O. Box 1048, Keril WA 80035	TPS Technologies, Inc., 2800 1041h St 8, Lekewoo WA 98489	e X		A03-02428-358	Nonhezerdous soft				Weight w be svallable a later del		Hominal 24cy in truck; weighed at TPS acaies - 77 Lise
10/0/09	Petroleum- contaminated solt (gasoline), Blockpile \$3, pipe excerction by Snetton		TPS Technologies, Inc., 2800 104th St 8, Lakewoo WA 85498	d X		A03-02429-360	Nonhezerdous soll				Wolgit w be evalution a later da	•	Nominal 220y in truck; weighed at TPS scales - ?? Lbe
10/0/98	Petroloum- contaminated solit (gesoline), Stochpile #3, pipe aucavetion by Snelson		TPS Technologies, Inc., t 2800 104th 81 8, Lekewoo WA 80499	d X		A03-02428-381	Nonhazardous soll				Weight w be evailable a later da		Nominal 22cy in truck; weighed at TPS scales - 77 Lbs
10/0/99	Petroleum- contaminated soli (geseline), Stoctpile #3, pipe excevation by Sneisen		TPS Technologios, Inc., 2800 104th 8t S, Lekewoo WA \$8499	x b		A03-02429-362	Nonhøzardous soll				Weight v be evelletie a later da	-	Nominal 240y in Iruck; weighed at TPS scales - 77 Lbs

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OPL 1132052

a:whatcom creek incident/linal_disposal_brocking ats

10/7/00 12:20 PM

								1						
		Transporter	Disposal Facility	Lading	UHIWM	Manifest No	Description	Time:	Water Volume	Gasoline Volume	Solt	Other	Type of Weste	
Deta	Received From:							Receive	(Qallons)		([97])	(Pounds)		
((Location(s)		Location(s)	and the second s	A LOCAL DESCRIPTION OF								Gasotine effect water;	
10/7/99	3,100 gal from Baker jank water from the horizontal well		Puget Sound Relining Co [Equilion], 8505 South Yexes Road, Anacortes WA 98221	×.		Straight bill of lading (no number essigned), Load #14	Nonhazardous liquid		3,100				classify as non-RCRA, sample WCI BTW-915F9-1	
			L	.I	J					· · · · · · · · · · · · · · · · · · ·				



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Dete	Received From:	Transporter	Disposal Facility	Lading	UHWM	Manifest No	Description	Time:	Water Volume	Össoline Volums	801	Other	Type of Waste
Under 1			Location(s)	· [t			Receive	(Gellone)	(Getona)	<u>_Uwe</u>]_	(Pounda)	And in case of the local division of the loc
	Location(3)	Construction of the second second	Local and the second se			ويتعويهم والمتعدية وتواريح والمتعادية	Honhazardous soil	Totals:	289,994	16,717	9,678	15,053	
			•	······		،	Offsile Dispo	sel	gettone	tone	lbe		
							Hozari	dous Hquide	115,725	0	C		
			· · ·					idous solidi		0	7810		
							Nonhazan	doue Hquid:	174,259	0	C		
							Nonhazar	rdous solidi	• 0	9,626	. C		
						Recov	ered product from seeps	and creek	1,585	0	· (ł	
				1			Product recovered h					1	
			•				Product recovered from			0	(4	
				I			duct recovered from ho			0			

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