

RECEIVED

JUN 03 2015

WA State Department
of Ecology (SWRO)

Terracon

April 8, 2014

Progress Rail Services
4012 SR 509 S Frontage Rd.
Tacoma, Washington 98421

Attn. Greg Seifert, EHS Assistant

Re: Limited Soil Sampling Summary Letter – ERTS # 646894
Progress Rail Services
4012 SR 509 S Frontage Rd.
Tacoma, Washington 98421
Terracon Project No. 81127060

Dear Mr. Seifert:

Terracon Consultants, Inc. (Terracon) is pleased to present this Limited Soil Sampling summary letter which includes the results of our limited soil sampling conducted at the property located at 4012 SR 509 S Frontage Road in Tacoma, Pierce County, Washington. A topographic map indicating the approximate location of the entire site is included as Figure 1 and a Site Diagram depicting the area of the site with the sample locations is included as Figure 2. The proposed scope of services included limited soil sampling, laboratory analysis and preparation of this summary letter.

1.0 PROJECT BACKGROUND

On February 18, 2014, at approximately 12:00 A.M., an out-of-control vehicle reportedly struck a rail car fuel tank located on the northwest portion of the site that resulted in the release of approximately 480 gallons of diesel fuel. The release reportedly impacted surface soils north of the railroad track. The volume of the diesel fuel release was verified by the rail car owner via a satellite monitored fuel level device equipped on this rail car's fuel tank. However, the Emergency Report Tracking System (ERTS) # 646894 report (attached) documents a different volume of fuel released. Terracon infers that the volume reported in ERTS was an estimate. Following the release, the local fire department and a representative with the Washington State Department of Ecology (Ecology) Spill Prevention, Preparedness and Response department, mobilized to the site to observe the cleanup response.

NRC Environmental Services Inc. (NRC) was contracted by Progress Rail directly for the emergency cleanup. Due to recent rainfall in the area, there was standing stormwater in the area of the release and the diesel fuel reportedly migrated via sheet flow across the surface into the north adjacent (off-site) stormwater drainage ditch. It was reported that approximately two-gallons of diesel entered the storm catch basin and flowed, north via piping, under SR 509 into a

Responsive ■ Resourceful ■ Reliable

retention pond. NRC utilized a vactor truck for cleanup of the diesel fuel, stormwater mixed with diesel fuel, and the associated surface soils observed to be impacted with diesel fuel. A total of two tons (two vactor trucks) comprised of diesel, water and diesel-impacted soil were removed from the diesel spill cleanup area. Additionally, it was reported that Progress Rail utilized a small skid steer excavator to remove and stockpile additional diesel-impacted soils in the vicinity of the release area. The cleanup area was approximately 20 feet by 80 feet and it extended from the railroad tracks, north to the chain-link fence along the northern property boundary (See Figure 2). Approximately 22.68 tons of diesel-impacted soil was loaded into two roll-off boxes. The two vactor trucks and the two roll off boxes were disposed at PRS Group, Inc. located in Tacoma Washington. Copies of the bill of lading are attached.

Ecology requested that over the next few days that absorbent pads and booms be placed throughout the spill area to absorb any residual diesel that may have remained from the initial cleanup efforts.

2.0 SCOPE OF WORK

Terracon was requested by the client to collect confirmation soil samples within the vicinity of the reported spill area to assess whether the reported cleanup efforts were sufficient or if additional soil removal would be warranted.

3.0 FIELD OBSERVATIONS

Terracon's field representatives, Eric A. Dubcak and Kyle Long, collected a total of sixteen shallow surface soil samples from the base of the NRC excavation on March 3, 2014. The samples were collected from a total of eight sample points located throughout the cleanup area (See Figure 2). A total of two samples were collected per boring, one from the shallow surface and one from a deeper interval. The deeper samples were placed on hold at the analytical laboratory pending results. Soil samples were collected utilizing hand tools (i.e. hand auger) to maximum depths of one foot below grade surface (bgs). The soils consisted of brown gravelly, silty sands in a moist to saturated condition. Due to the dense lithology encountered, the proposed depth of 18-inches below grade surface (bgs) could not be achieved utilizing the hand auger sampling methods.

Soils were observed to document subsurface conditions and visual or olfactory indications of impacts. The samples were field screened with a photoionization detector (PID) to qualitatively evaluate the presence of volatile organic compounds (VOCs) utilizing the "headspace method". PID readings were only registered in borings B-6 and B-8 at maximum concentrations of 44 and 4.4 parts-per-million (ppm), respectively. Additionally, only soils from boring B-6 were noted with a hydrocarbon odor.

The soil samples were placed directly into laboratory supplied glassware. Each sample container was labeled with the site name, date, time and sample number. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to the analytical laboratory by Terracon under strict chain-of-custody procedures.

A total of 16 samples were submitted to the laboratory; however, only the eight shallow samples were request to be analyzed for diesel-range total petroleum hydrocarbons (TPH) using Method NWTPH DX. The additional (deeper) samples were placed on hold pending the initial sample results. The samples were submitted to Friedman and Bruya, Inc. of Seattle, Washington. A copy of the laboratory analytical certificate is attached.

4.0 FINDINGS, DISCUSSION & CONCLUSIONS

Concentrations of diesel-range TPH were not reported above laboratory detection limits, except for the samples collected from boring B-6. Concentrations in samples collected from this boring were reported at 260 mg/kg and 310 mg/kg from samples collected at depths of 2 to 6 inches and 7 to 10 inches bgs, respectively. Although there were minor diesel-range TPH concentrations reported in boring B-6, they are both well below the Ecology Model Toxics Control Act (MTCA) Method A clean up level for diesel-range TPH established at 2,000 mg/kg. Additionally, these minor impacts appear to be isolated since diesel-range TPH was not detected at any of the other sampling locations.

Based on the results of this limited sampling completed and the reported cleanup activities conducted by NRC and Progress Rail, it appears that the emergency spill response cleanup was adequate in addressing the cleanup of the reported 480-gallon diesel release that occurred on February 18, 2014. Therefore, Terracon does not recommend any additional sampling at this time.

5.0 CLOSING

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.

Findings and conclusions resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable,

Limited Soil Sampling
4012 SR 509 S. Frontage Road ■ Tacoma, Washington
April 8, 2014 ■ Terracon Project No. 81127060

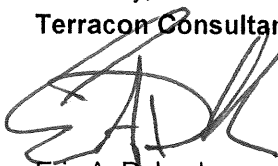
Terracon

non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this work. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations and our findings are based solely upon data obtained at the time and within the scope of these services.

This letter has been prepared for the exclusive use of the Progress Rail Services. Use or reliance by any other party is prohibited without written authorization.

Terracon appreciates the opportunity to provide this service to Progress Rail. If you have any questions regarding this report, please contact us at (425) 771-3304.

Sincerely,
Terracon Consultants, Inc.



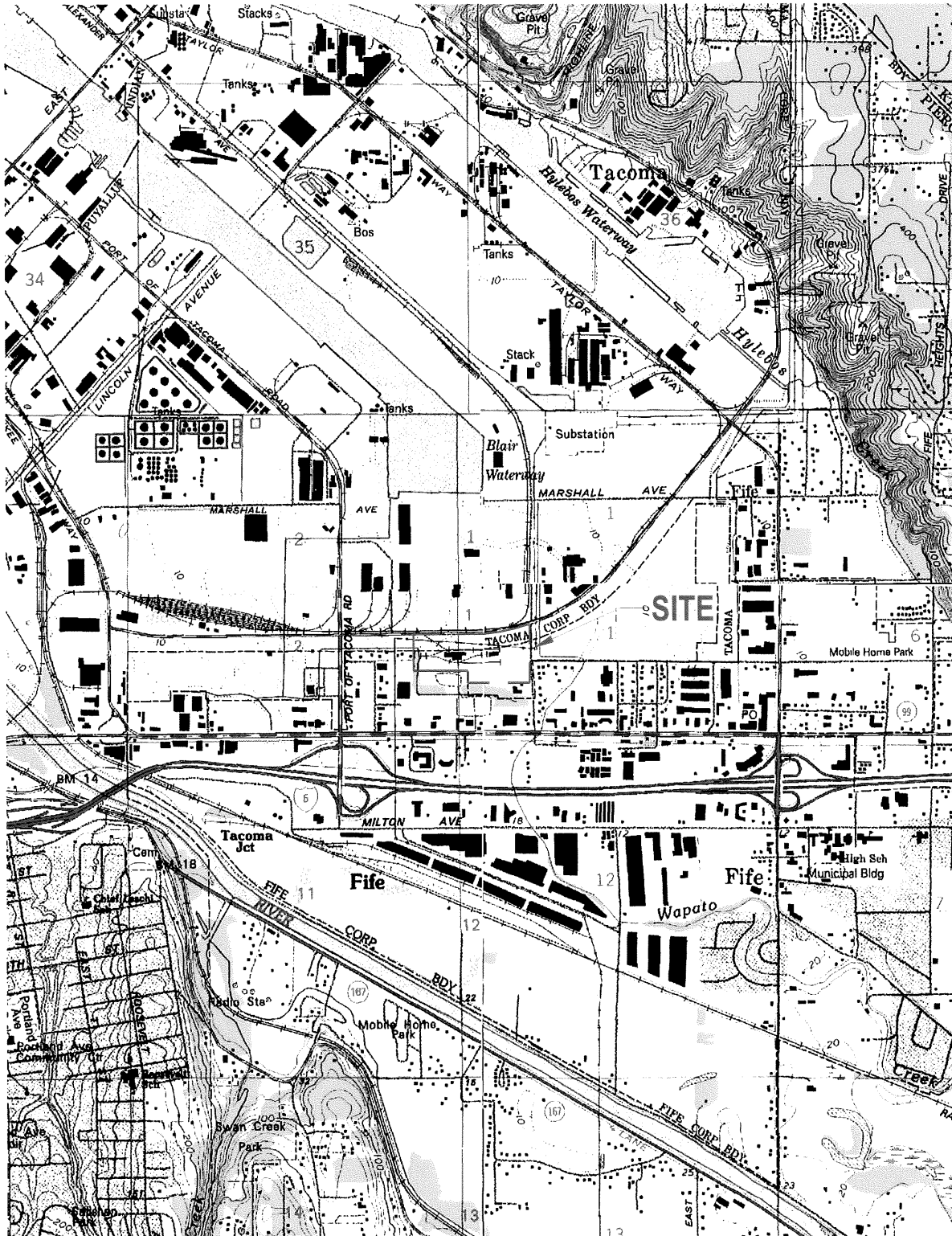
Eric A. Dubcak
Project Manager



Matt Wheaton, L.G., E.I.T.
Department Manager

Cc: Ms. Tanya Girouard

Attachments: Figure 1 – Site Vicinity Map
Figure 2 – Site Diagram
Table 1 – Summarized Soil Analytical Results
Photographic Documentation
Laboratory Data Reports
Bill of Lading (PRS)
ERTS #646894



LEGEND:

--- Approximate site boundary

USGS Topographic Map, Tacoma North, Tacoma South, Poverty Bay, and Puyallup Quadrangles, 1994

Project Mngr:	EAD	Project No.	81127060
Drawn By:	EAD	Scale:	Not to scale
Checked By:	EAD	File No.	81127060 Fig 1.dwg
Approved By:	MYW	Date:	March 2014

Terracon
Consulting Engineers and Scientists

21905 64th Avenue W., Ste 100 MounLake Terrace, WA 98043
PH. (425) 771-3304 FAX. (425) 771-3549

Site Vicinity Map
Limited Soil Sampling
Tacoma, Pierce County, Washington
Progress Rail Services

FIG. No.	1
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SR 509 Frontage Road

Shoulder

Approximate location of storm catch basin

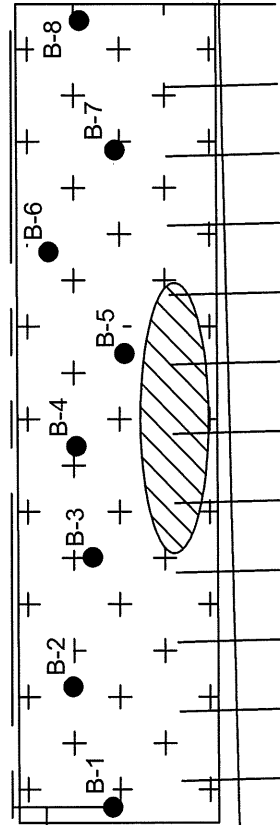
Drainage Ditch

← 192 feet to NW corner of fence

Gravel

Gravel

Gravel

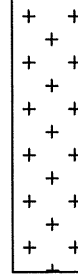


LEGEND: ● B-1

Hand Auger Boring Location



Approximate location of fuel tank associated with release



Approximate location of excavated soil

Chain link fence

Railroad Tracks



Project Mgr:	EAD
Drawn By:	EAD
Checked By:	EAD
Approved By:	MYW
Project No.:	81127060
Scale:	As Shown
File No.:	+ .dwg
Date:	March 2014

Terracon
 Consulting Engineers and Scientists
 21905 64th Avenue W., Ste 100 Mountlake Terrace, WA 98043
 PH. (425) 1-3304 FAX. (425) 1-3549

Site Diagram
 Progress Rail - ERTS # 646894
 Tacoma, Pierce County, Washington
 Progress Rail Services

FIG. No. **2**

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

Progress Rail Cleanup

4012 SR 509 S.

Tacoma, Pierce County, Washington

all concentrations are in mg/kg (milligrams per kilogram)

Boring ID	Sample Number	Sample Date	Sample Depth (inches)	TPH
				Diesel-Range
B-1	S-1	3/3/2014	2-6	ND<50
B-2	S-1	3/3/2014	2-6	ND<50
B-3	S-1	3/3/2014	2-4	ND<50
B-4	S-1	3/3/2014	2-4	ND<50
B-5	S-1	3/3/2014	2-4	ND<50
B-6	S-1	3/3/2014	2-6	260
B-6	S-2	3/3/2014	7-10	310
B-7	S-1	3/3/2014	2-4	ND<50
B-8	S-1	3/3/2014	2-6	ND<50
MTCA Method A Cleanup Level				2,000

TPH - Total petroleum hydrocarbons
 ND - Not detected above laboratory reporting limit.
 MTCA - Model Toxics Control Act

Project No. ■ 81127060
Date Photos Taken ■ February 19 and March 3, 2014



Photograph No. 1: View of the cleanup area with absorbent booms and pads, taken on February 19, 2014, facing east.



Photograph No. 2: View of the sample locations collected on March 3, 2014, facing east.

Progress Rail ERTS # 646894 ■ Tacoma, Washington

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Kurt Johnson, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 11, 2014

Eric A. Dubcak, Project Manager
Terracon
Pacific Cascade Building
21905 64th Ave. W., Suite 100
Mountlake Terrace, WA 98043

Dear Mr. Dubcak:

Included are the results from the testing of material submitted on March 3, 2014 from the Progress Rail 81127060, F&BI 403016 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRC0311R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 3, 2014 by Friedman & Bruya, Inc. from the Terracon Progress Rail 81127060, F&BI 403016 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Terracon</u>
403016-01	B-1 S-1 at 2-6"
403016-02	B-1 S-2 at 10-12"
403016-03	B-2 S-1 at 2-6"
403016-04	B-2 S-2 at 9-11"
403016-05	B-3 S-1 at 2-4"
403016-06	B-3 S-2 at 6-8 "
403016-07	B-4 S-1 at 2-4"
403016-08	B-4 S-2 at 8-10"
403016-09	B-5 S-1 at 2-4"
403016-10	B-5 S-2 at 6-8"
403016-11	B-6 S-1 at 2-6"
403016-12	B-6 S-5 at 7-10"
403016-13	B-7 S-1 at 2-4"
403016-14	B-7 S-2 at 6-8"
403016-15	B-8 S-1 at 2-6"
403016-16	B-8 S-2 at 7-10"

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/11/14
Date Received: 03/03/14
Project: Progress Rail 81127060, F&BI 403016
Date Extracted: 03/05/14
Date Analyzed: 03/05/14

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
B-1 S-1 at 2-6" 403016-01	<50	114
B-2 S-1 at 2-6" 403016-03	<50	113
B-3 S-1 at 2-4" 403016-05	<50	113
B-4 S-1 at 2-4" 403016-07	<50	114
B-5 S-1 at 2-4" 403016-09	<50	111
B-6 S-1 at 2-6" 403016-11	260	113
B-7 S-1 at 2-4" 403016-13	<50	112
B-8 S-1 at 2-6" 403016-15	<50	112
Method Blank 04-465 MB	<50	115

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/11/14

Date Received: 03/03/14

Project: Progress Rail 81127060, F&BI 403016

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL
SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL
USING METHOD NWTPH-Dx**

Laboratory Code: 402429-08 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel	mg/kg (ppm)	5,000	<50	89	89	64-133	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel	mg/kg (ppm)	5,000	90	58-147

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

403016

SAMPLE CHAIN OF CUSTODY

ME 3/3/14

Page # 1 of 2

004

Send Report To ERIC DUBBOK

Company TERRACON

Address 21905 64th Ave W Suite 100

City, State, ZIP Newcastle Terrace, WA 98043

Phone # 425-371-3304 Fax # 425-771-3544

SAMPLERS (signature)

PROJECT NAME/NO. Progress Rail 8127060

PO#

REMARKS

Hold all S-2 samples.

TURNAROUND TIME
 Standard (2 Weeks) 5 day
 RUSH
Rush charges authorized by

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
B1S-1 at 2-6"	01	3/3/14	11:10	Soil	1	<input checked="" type="checkbox"/>							Diesel range only
B-1S-2 at 10-12"	02		11:15		1								Hold
B-2S-1 at 2-6"	03		11:30		1								Hold
B-2S-2 at 9-11"	04		11:35		1								Hold
B-3S-1 at 2-4"	05		11:50		1								Hold
B-3S-2 at 6-8"	06		11:55		1								Hold
B-4S-1 at 2-4"	07		12:00		1								Hold
B-4S-2 at 8-10"	08		12:05		1								Hold
B-5S-1 at 2-4"	09		12:20		1								Hold
B-5S-2 at 6-8"	10		12:25		1								Hold

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

Eric A Dyck

Travis Blyss

COMPANY

TERRACON

F&B

DATE

3/3/14

3/3/14

TIME

8:30

9:30

Samples received at 1 °C

403016

SAMPLE CHAIN OF CUSTODY ME 1/3/14

004

Send Report To _____

Company SOME

Address _____

City, State, ZIP _____

Phone # _____ Fax # _____

SAMPLERS (signature) _____

PROJECT NAME/NO. _____

Peters Oil / Biotech

PO# _____

REMARKS

Hold all S-2 sample.

Page # 2 of 2

TURNAROUND TIME
 Standard (2 Weeks) 5 day
 RUSH

Rush charges authorized by _____

SAMPLE DISPOSAL
 Dispose after 30 days

Return samples
 Will call with instructions

ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED						Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
B-6 S-1 at 2-6"	11	3/3/14	12:30	Soil	1	<input checked="" type="checkbox"/>							<u>Diesel range only</u>
B-6 S-2 at 7-10"	12		12:40		1								<u>Hold</u>
B-7 S-1 at 2-4"	13		12:55		1								<u>Hold</u>
B-7 S-2 at 6-8"	14		1:00pm		1								<u>Hold</u>
B-8 S-1 at 2-6"	15		1:05pm		1								<u>Hold</u>
B-8 S-2 at 7-10"	16		1:10pm		1								<u>Hold</u>

Friedman & Bruya, Inc.

3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>[Signature]</u>	<u>Erin A. D...</u>	<u>Ersson</u>	<u>3/3/14</u>	<u>2:30</u>
<u>[Signature]</u>	<u>James B...</u>	<u>F&B</u>	<u>3/3/14</u>	<u>2:30</u>
Received by:				
Relinquished by:				

Samples received at _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Kurt Johnson, B.S.
Eric Young, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

March 17, 2014

Eric A. Dubcak, Project Manager
Terracon
Pacific Cascade Building
21905 64th Ave. W., Suite 100
Mountlake Terrace, WA 98043

Dear Mr. Dubcak:

Included are the additional results from the testing of material submitted on March 3, 2014 from the Progress Rail 81127060, F&BI 403016 project. There are 4 pages included in this report.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
TRC0317R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

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403016-07	B-4 S-1 at 2-4"
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403016-10	B-5 S-2 at 6-8"
403016-11	B-6 S-1 at 2-6"
403016-12	B-6 S-2 at 7-10"
403016-13	B-7 S-1 at 2-4"
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FRIEDMAN & BRUYA, INC.

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FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
B-6 S-2 at 7-10" 403016-12	310	79
Method Blank 04-525 MB	<50	78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/17/14

Date Received: 03/03/14

Project: Progress Rail 81127060, F&BI 403016

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL
SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL USING METHOD NWTPH-Dx**

Laboratory Code: 403121-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet Wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel	mg/kg (ppm)	5,000	<50	100	102	63-146	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel	mg/kg (ppm)	5,000	100	79-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

A1 - More than one compound of similar molecule structure was identified with equal probability.

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ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.

fb - Analyte present in the blank and the sample.

fc - The compound is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.

ht - Analysis performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

j - The result is below normal reporting limits. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.

jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

lc - The presence of the compound indicated is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.

ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

403016

SAMPLE CHAIN OF CUSTODY

ME 3/13/14

004


Send Report To Eric Dubcak

Company Ferraron

Address 21905 64th Ave W Suite 100

City, State, ZIP Northlake, Terrace, WA 98045

Phone # 425-771-3309 Fax # 425-771-3549

SAMPLERS (signature) 

PROJECT NAME/NO. Progress Rail 8127060

PO# ME 3/13/14 of 2

REMARKS Hld all S-2 samples.




Page # 1 of 2

TURNAROUND TIME
 Standard (2 Weeks) 5 day
 RUSH
 Rush charges authorized by _____

SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	ANALYSES REQUESTED							Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS				
BH S-1 at 2-6"	01	3/3/14	11:10	Soil	1	<input checked="" type="checkbox"/>									Diesel range only
B-1 S-2 at 10-12"	02		11:15												Hld.
B-2 S-2 at 2-6"	03		11:30												Hld.
B-2 S-2 at 9-11"	04		11:35												Hld.
B-3 S-1 at 2-4"	05		11:50												Hld.
B-3 S-2 at 6-8"	06		11:55												Hld.
B-4 S-1 at 2-4"	07		12:00												Hld.
B-4 S-2 at 8-10"	08		12:05												Hld.
B-5 S-1 at 2-4"	09		12:20												Hld.
B-5 S-2 at 6-8"	10		12:25												Hld.

Friedman & Bryva, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044
 FORMS\COC\COC.DOC

Relinquished by: 	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Received by: 		<u>Fir. A Dubcak</u>	<u>Ferraron</u>	<u>3/3/14</u>	<u>8:30</u>
Relinquished by: 		<u>JAMES BLYS</u>	<u>F&B</u>	<u>3/3/14</u>	<u>9:30</u>
Received by: _____					

Samples received at _____

403016

SAMPLE CHAIN OF CUSTODY ME 7/3/14

004

Send Report To

Company

Address

City, State, ZIP

Phone #

Fax #

same

SAMPLERS (signature)

PROJECT NAME/NO.

PO#

REMARKS

Pages Reel / Bils Tele
Hdd all S-2 scope.

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks) 5 day

RUSH
Rush charges authorized by

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

ANALYSES REQUESTED

TPH-Diesel
TPH-Gasoline
BTEX by 8021B
VOCs by 8260
SVOCs by 8270

HFS

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Notes
B-6 S-1 at 2-6"	11	3/3/14	12:30	Soil	1	✓						Diesel range only
B-6 S-2 at 7-10"	12		12:40		1							analyze -12 per 03/14 on Hdd
B-7 S-1 at 2-4"	13		12:55		1							Hold
B-7 S-2 at 6-8"	14		1:00 PM		1							Hold
B-8 S-1 at 2-6"	15		1:05 PM		1							Hold
B-8 S-2 at 7-10"	16		1:10 PM		1							Hold

Friedman & Bryna, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

Received by: *[Signature]*

Reinquinished by: *[Signature]*

Received by: *[Signature]*

Reinquinished by: *[Signature]*

PRINT NAME

FIN A D

JAMES BYLES

COMPANY

Green

F&B

DATE

3/3/14

3/3/14

TIME

2:30

2:30

Samples received at: *[Signature]*



PRS Group, Inc.


ENTRY LOG FOR NON-HAZARDOUS ITEMS

3003 Taylor Way

Tacoma, WA 98421

Phone: (253)383-4175 Fax: (253)383-4531

prs@prsplant.net

Date: 2-18-2014	Carrier: Nrc	Vehicle #: 2155
Drivers Signature *: 	Plant Employee: Kenny	Time: 0815

Generator Name	Profile #	Work Order, BOL, Or Manifest #	% Water: 20%		Ph: 7.8		Flash>140 <input checked="" type="checkbox"/>		Other Value (Fuel Only):			
			% Solids: 80%		Tank # Or Area: PIT		Chlor Test: NA <input checked="" type="checkbox"/>		Chlor Value <1000: <input type="checkbox"/>			
			Used Oil	Spent Antifreeze	Used Oil Filters	Off Spec. Fuel	Oil Waste Water	Oil Solids	PCS	Absorbent	Empty Drums	Other
Progressive Rail	3074 B							IT				IC

* The information contained in this entry log describes your waste as specified in the specific waste profile approved in to the PRS facility. Please verify the information for accuracy prior to signing.

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE



9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. **61161**

Carrier **NRC** 9520 10th Avenue S. Suite 150 Seattle, WA 98108
 RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request, and all applicable state and federal regulations;
 at _____, date **2/18/14** from _____

Carrier's No. **2155-LB**
 SCAC

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, signed, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: Consignee **PRS**
 Street **3003 Taylor Way** Zip _____
 Destination **Tacoma** Zip _____
 FROM: Shipper **Progressive Rail**
 Street **Frontage RD**
 Origin **Diesel Spill** Zip _____

Delivering Carrier		Vehicle Number		U.S. DOT Hazmat Reg. Number			
Number and Type of Packages	H/M	I.D. Number	Description of Articles	Hazard Class	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
1 VT			Oily Dirt and Debris with some Water		1	1 Ton	
		70#					
		50#					

Remit COD to: _____
 Address: _____
 City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____
 NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).
 This is to certify that the above-named materials are property classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: **Progressive Rail** DATE: _____
 PER: _____ DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: () _____
 CARRIER: **NRC** PER: **James Athy** DATE: _____
 Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

PLACARDS REQUIRED **N/A** PLACARDS SUPPLIED BY SHIPPER BY CARRIER
 DRIVER'S SIGNATURE: _____
 (Signature of Consignor)



PRS Group, Inc.

ENTRY LOG FOR NON-HAZARDOUS ITEMS

3003 Taylor Way
Tacoma, WA 98421

Phone: (253)383-4175 Fax: (253)383-4531

prs@prsplant.net

Date: 2-18-2014	Carrier: Nrc	Vehicle #: 2155
Drivers Signature *James Arthur	Plant Employee: Kenny	Time: 0645

Generator Name	Profile #	Work Order, BOL, Or Manifest #	% Water: 80%		Ph: 8.7		Flash>140 <input checked="" type="checkbox"/> Other Value (Fuel Only):					
			% Solids: 20%		Tank # Or Area: 4B/PIT		Chlor Test: NA <input checked="" type="checkbox"/> Chlor Value <1000: <input type="checkbox"/>					
			Used Oil	Spent Antifreeze	Used Oil Filters	Off Spec. Fuel	Oily Waste Water	Oily Solids	PCS	Absorbent	Empty Drums	Other
Progress Rail	1238					50g	1550g					lc
Progress Rail	3074 -b							1t				lc

* The information contained in this entry log describes your waste as specified in the specific waste profile approved in to the PRS facility. Please verify the information for accuracy prior to signing.

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC 9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. **61160**

Carrier **SCAC** Carrier's No. **2155 - LB**

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request and all applicable state and federal regulations:

at _____ date _____ from _____
 the property described below, in apparent good order, except as noted (contents and condition of contents unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation) in possession of the property under the contract agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: **PRS** Shipper: **Progress Rail**
 Consignee: **3003 Taylor Way** Street: **Frontage RD - 509**
 Destination: **Tacoma** Zip: **98421** Origin: **Tacoma** Diesel Spill

Delivering Carrier	Vehicle Number	Hazard Class	Total Quantity (mass, volume or activity)	Weight (subject to correction)	Class or Rate
1-VT			1600 Gal		
			1	TEN	

Remit COD to: _____
 Address: _____
 City: _____ State: _____ Zip: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____
 NOTE: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (a)(1)(A) and (B).
 This is to certify that the above-named materials are property classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: **Progress Rail** CARRIER: **NRG** DATE: **2/18/14**
 PER: _____ PER: **James Griffin** DATE: **2/18/14**
 EMERGENCY RESPONSE: _____
 TELEPHONE NUMBER: (**E. Coyler**) _____
 including storage incidental to transportation (172.604).

PLACARDS REQUIRED: **N/A** PLACARDS SUPPLIED: BY SHIPPER BY CARRIER
 DRIVER'S SIGNATURE: _____
 COD AMT: \$ _____ COD FEE: Prepaid Collect
 TOTAL CHARGES: \$ _____ FREIGHT CHARGES: Prepaid Collect

PLS



PRS Group, Inc.

ENTRY LOG FOR NON-HAZARDOUS ITEMS

3003 Taylor Way
Tacoma, WA 98421

Phone: (253)383-4175 Fax: (253)383-4531

prs@prsplant.net

Date: 2-18-2014	Carrier: Nrc	Vehicle #: 2152
Drivers Signature *: <i>Alexander</i>	Plant Employee: Kenny	Time: 1055

Generator Name	Profile #	Work Order, BOL, Or Manifest #	% Water: 10%		Ph: 7.4		Flash>140 <input checked="" type="checkbox"/>		Other Value (Fuel Only):			
			% Solids: 90%		Tank # Or Area: PIT		Chlor Test: NA <input checked="" type="checkbox"/>		Chlor Value <1000: <input type="checkbox"/>			
			Used Oil	Spent Antifreeze	Used Oil Filters	Off Spec. Fuel	Oily Waste Water	Oily Solids	PCS	Absorbent	Empty Drums	Other
Progress Rail	3074-B	15826						5.49T				IC

* The information contained in this entry log describes your waste as specified in the specific waste profile approved in to the PRS facility. Please verify the information for accuracy prior to signing.

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

NRC 9520 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. **65069**

Carrier **NRC** SCAC **NRC** Carrier's No. **2152**

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request; and all applicable state and federal regulations.

at _____, date **02-18-14** from _____

TO: Consignee **PAS** 3003 Taylor way
Street **Tacoma, WA** Zip
Destination **Tacoma, WA** Zip

FROM: Shipper **ANNS Progress Rail**
Street
Origin

Delivering Carrier	Vehicle Number	2152	U.S. DOT Hazmat Reg. Number	Hazard Class	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
FA						\$ 49 TONS	

Remit COD to: _____ State: _____ Zip: _____

Address: _____

City: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____

NOTE: Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (g)(1)(A) and (B).

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: _____ DATE: **02-18-14**

PER: _____ DATE: **02-18-14**

EMERGENCY RESPONSE _____

TELEPHONE NUMBER: **(800) 337-7455**

CARRIER: **NRC** PER: **Alvarez** DATE: **02-18-14**

Monitored at all times (the Hazardous Material is in transportation including storage incidental to transportation (172.604).

PLACARDS REQUIRED PLACARDS SUPPLIED BY SHIPPER BY CARRIER

DRIVER'S SIGNATURE: _____

COD AMT: \$ _____ COD FEE: Prepaid Collect \$ _____

TOTAL CHARGES: \$ _____ FREIGHT CHARGES: Prepaid Collect \$ _____

PAS

Alvarez



PRS Group, Inc.

ENTRY LOG FOR NON-HAZARDOUS ITEMS

3003 Taylor Way

Tacoma, WA 98421

Phone: (253)383-4175 Fax: (253)383-4531

prs@prsplant.net

Date: 2-18-2014	Carrier: Nrc	Vehicle #: 2144-3286
Drivers Signature *: <i>Henry</i>	Plant Employee: Zach	Time: 1835

Generator Name	Profile #	Work Order, BOL, Or Manifest #	% Water: 0%		Ph: n/a		Flash>140 <input checked="" type="checkbox"/>		Other Value (Fuel Only):			
			% Solids: 100%		Tank # Or Area: PIT		Chlor Test: NA <input checked="" type="checkbox"/>		Chlor Value <1000: <input type="checkbox"/>			
			Used Oil	Spent Antifreeze	Used Oil Filters	Off Spec. Fuel	Oily Waste Water	Oily Solids	PCS	Absorbent	Empty Drums	Other
Progress Rail	3074 -b	15826						17.19t				1c

* The information contained in this entry log describes your waste as specified in the specific waste profile approved in to the PRS facility. Please verify the information for accuracy prior to signing.

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE



9620 10th Avenue S. Suite 150
Seattle, WA 98108

Tracking No. 65070

Carrier's No. 2144-3286

Carrier NRC SCAC

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request and all applicable state and federal regulations:

at 02-18-14 from Progres Rail
 the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

TO: PRS FROM: Progres Rail
 Consignee Shipper
 Street Street
 Destination Tacoma, WA Origin Tacoma, WA Zip
 Route ATS Zip

Delivering Carrier	Vehicle Number	U.S. DOT Hazmat Reg. Number	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
<u>NRC</u>	<u>1144-3286</u>						
<u>All</u>			<u>Solids (diesel)</u>				
			<u>non haz, not regulated by DOT</u>				
			<u>box # PT2997; A3529</u>				
			<u>Job # 8052Z</u>				
			<u>PO # 15826</u>				

Remit COD to: Seeha State: WA Zip: 2-18-14
 Address: 2-18-14
 City: _____

NOTE: Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____
 NOTE: Liability limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. 14706 (c)(1)(A) and (B).
 This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Per _____

SHIPPER: _____ PER: _____ DATE: _____
 CARRIER: NRC PER: Alexander DATE: 02-18-14
 EMERGENCY RESPONSE
 TELEPHONE NUMBER: () _____

PLACARDS SUPPLIED BY SHIPPER BY CARRIER
 PLACARDS REQUIRED BY SHIPPER BY CARRIER
 DRIVER'S SIGNATURE: _____
 Monitored at all times for Hazardous Material in transportation including storage incidental to transportation (172.604).

Department of Ecology - Environmental Report Tracking System

ERTS # 646894

Initial Report

External Reference #

Caller Information

Where did it happen

First Name **X** Last Name **X**
 Business Name **Tacoma Fire**
 Street Address
 Other Address
 City State **WA** Zip
 E-mail Confidential_FL
 Phone Ext Type
(253) 973-0081 Business

Berth Anchorage
 Location Name **Progress Rail**
 Street Address **Hwy 509 & 4012 Frontage Rd**
 Other Address
 City/Place **TACOMA** State **WA** Zip
 County - Region **PIERCE SWRO** FS ID
 WIRA #
 Waterway Type
 Latitude Longitude
 Topo Quad 1:24:000 **TACOMA**
 Direction/Landmark (mile post, cross roads, township/range)

What happened

Spills Program Oil Spill? **Y**

Incident Date **2/18/2014** Received Date **2/18/2014 0:20**

Medium **Fresh water**

Material **Diesel Oil**

Sheen Only Quantity To Water
 250

Source **Train**

Type **Vehicle** Primary

Cause

Incident Type **Vehicular Accident**

Activity **Static or performing designed function**

Impact **WATER POLLUTION**

Vessel Name

Hull Number

Primary Potentially Responsible Party Information

First Name Last Name
Unknown
 Business Name
 Street Address
 Other Address
 City State **WA** Zip
 Phone Ext Type
 E-mail

Additional Contact Information

Name Phone Ext Type

More Information

00:20. 2/18/14. Reporting party Tacoma Fire. Phone 253 973-0081. 4012 S Frontage Rd. Incident on Hwy 509 side of Progressive Rail. 250 gallons diesel spilled to catch basin.

Fire reported accident car ran into rail car diesel tank. Damaged tank spilled diesel to soil and catch basin.

Entry Person **JUNEAU, CONNIE**

Entry Date **2/18/2014**

Department of Ecology - Environmental Report Tracking System

ERTS # 646894

Initial Report

External Reference # NRC 1074385

Caller Information

First Name: **Tanya**
 Last Name: **Girouard**
 Business Name: **Progress Rail**
 Street Address: **PO Box 1037**
 Other Address:
 City: **Albertville** State: **AL** Zip: **35950**
 E-mail: Confidential_FL
 Phone: **(801) 510-3952** Ext: Type: **Business**

Where did it happen

Berth: Anchorage
 Location Name:
 Street Address: **4012 SR 509 / South Frontage Road**
 Other Address:
 City/Place: **TACOMA** State: **WA** Zip:
 County - Region: **PIERCE** SWRO FS ID:
 WIRA #:
 Waterway: Type: **DITCH**
 Latitude: Longitude:
 Topo Quad 1:24:000: **TACOMA**
 Direction/Landmark (mile post, cross roads, township/range):

What happened

Spills Program Oil Spill? **Y**

Incident Date: **2/17/2014** Received Date: **2/18/2014 14:16**

Medium: **Fresh water**

Material: **Diesel Oil**

Sheen Only: Quantity: **600** To Water:

Source: **Train**

Type: **Vehicle** Primary:

Cause:

Incident Type: **Oil Spill**

Activity: **Static or performing designed function**

Impact: **WATER POLLUTION**

Vessel Name:

Hull Number:

Primary Potentially Responsible Party Information

First Name: Last Name: **Unknown**
 Business Name:
 Street Address:
 Other Address:
 City: State: **WA** Zip:
 Phone: Ext: Type:
 E-mail:

Additional Contact Information

Name Phone Ext Type

More Information

CALLER STATED A PASSENGER VEHICLE STRUCK A RAIL CAR THAT WAS AWAITING REPAIRS. THIS RESULTED IN A SPILL OF DIESEL FROM THE REFRIGERATED RAIL CAR. THE SPILL REACHED A DRAINAGE DITCH WHICH THEN GOES TO A RETENTION POND.

-----Original Message-----

From: State Emergency Operations Officer (MIL)
 Sent: Tuesday, February 18, 2014 2:16 PM
 To: Juneau, Connie (ECY); 'EM Duty Officer'; 'PCEOC'
 Subject: FW: NRC#1074385

NRC for vehicle vs railcar accident last night causing large diesel spill.

Please acknowledge receipt.

Thanks,

Jim Kadrmas
 State Emergency Operations Officer
 Washington State Emergency Operations Center Camp Murray, WA 98430
 24-hr: 800-258-5990 Fax: 253-512-7203
 stateemergency.operationsofficer@mil.wa.gov

Department of Ecology - Environmental Report Tracking System

ERTS # 646894

-----Original Message-----

From: HQS-PF-flidr-NRC@uscg.mil [mailto:HQS-PF-flidr-NRC@uscg.mil]
Sent: Tuesday, February 18, 2014 2:07 PM
To: State Emergency Operations Officer (MIL); State Emergency Operations Officer (MIL)
Subject: NRC#1074385

NATIONAL RESPONSE CENTER 1-800-424-8802

GOVERNMENT USE ONLYGOVERNMENT USE ONLY***

Information released to a third party shall comply with any applicable federal and/or state Freedom of Information and Privacy Laws

Incident Report # 1074385

INCIDENT DESCRIPTION

*Report taken by: CIV KEVIN WILLIAMS at 16:53 on 18-FEB-14
Incident Type: RAILROAD
Incident Cause: OTHER
Affected Area: DRAINAGE DITCH
Incident occurred on 17-FEB-14 at 23:15 local incident time.
Affected Medium: WATER DRAINAGE DITCH

REPORTING PARTY

Name: TANYA GIROUARD
Organization: PROGRESS RAIL
Address: PO BOX 1037
ALBERTVILLE, AL 35950

PRIMARY Phone: (801)5103952
Type of Organization: PRIVATE ENTERPRISE

SUSPECTED RESPONSIBLE PARTY

Name: UNKNOWN

XX

INCIDENT LOCATION

4012 SR 509 County: PIERCE
SOUTH FRONTAGE RAOD
City: TACOMA State: WA

RELEASED MATERIAL(S)

CHRIS Code: ODS Official Material Name: OIL: DIESEL
Also Known As:
Qty Released: 600 GALLON(S) Qty in Water: 200 GALLON(S)

DESCRIPTION OF INCIDENT

CALLER STATED A PASSENGER VEHICLE STRUCK A RAIL CAR THAT WAS AWAITING REPAIRS. THIS RESULTED IN A SPILL OF DIESEL FROM THE REFRIGERATED RAIL CAR. THE SPILL REACHED A DRAINAGE DITCH WHICH THEN GOES TO A RETENTION POND.

SENSITIVE INFORMATION

INCIDENT DETAILS

Grade Crossing: NO
Location Subdivision:
Railroad Milepost:
Type of Vehicle Involved:
Crossing Device Type:
Device Operational: YES
DOT Crossing Number:
Date and Time Service was/will be Restored:
Brake Failure: UNKNOWN
Federal Post-Accident 219.201 Sub Part C Testing Required: NO
Passenger Train Route: NO

Department of Ecology - Environmental Report Tracking System

ERTS # 646894

Passenger Train Delay Expected: NO
Passenger Train Delay Handling:
---WATER INFORMATION---
Body of Water: DRAINAGE DITCH
Tributary of: RETENSION POND
Nearest River Mile Marker:
Water Supply Contaminated: UNKNOWN
---RAILROAD INFORMATION---
Railroad Involved: UNION PACIFIC
Train Number: UNKNOWN
Train Type: FREIGHT Train Direction:
Train Speed: Track Speed:
Locomotives: Cars: Derailed:
Suspected DOT Regulation Non Compliance: NO
DERAILED CARS:
Pos. Carnumber Type Cargo

IMPACT

Fire Involved: NO Fire Extinguished: UNKNOWN

INJURIES: UNKNOWN Hospitalized: Empl/Crew: Passenger:
FATALITIES: NO Empl/Crew: Passenger: Occupant:
EVACUATIONS:NO Who Evacuated: Radius/Area:

Damages: NO

Closure Type	Description of Closure	Hours	Direction of	Closed	Closure
N					
Air:					
N			Major		
Road:			Artery:N		
N					
Waterway:					
N					
Track:					

Environmental Impact: UNKNOWN
Media Interest: UNKNOWN Community Impact due to Material:

REMEDIAL ACTIONS

CALLER STATED THE LOCAL FIRE DEPARTMENT, AND THE WASHINGTON DEPARTMENT OF ECOLOGY DID CONTAINMENT.OF THE SPILL. A CONTRACTOR (NATIONAL RESPONSE CORPORATION) CAME ON THE SCENE FOR CLEAN UP.
Release Secured: YES
Release Rate:
Estimated Release Duration:

WEATHER

ADDITIONAL AGENCIES NOTIFIED

Federal:
State/Local: LOCAL FIRE DEPT, WASH DOE
State/Local On Scene: LOCAL FIRE DEPT, WASH DOE
State Agency Number:

NOTIFICATIONS BY NRC

DHS NOC (NOC)
18-FEB-14 17:07 (202)2828114
NATIONAL COORDINATING CTR FOR COMMS (NCC COMM-ISAC)
18-FEB-14 17:07 (703)2355626
DOT CRISIS MANAGEMENT CENTER (MAIN OFFICE)
18-FEB-14 17:07 (202)3661863
FEDERAL RAILROAD ADMIN. (MAIN OFFICE)
(202)4936242
U.S. EPA X SEATTLE (MAIN OFFICE)
(206)5531263
FEMA REGION 10 (MAIN OFFICE)
18-FEB-14 17:07 (425)4874704
NATIONAL INFRASTRUCTURE COORD CTR (MAIN OFFICE)
18-FEB-14 17:07 (202)2829201
NOAA RPTS FOR WA (MAIN OFFICE)

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18-FEB-14 17:07 (206)5264911
NATIONAL RESPONSE CENTER HQ (AUTOMATIC REPORTS)
18-FEB-14 17:07 (202)2671136
OREGON TITAN FUSION CENTER (COMMAND CENTER)
18-FEB-14 17:07 (877)6204702
SECTOR PUGET SOUND (COMMAND CENTER)
(206)2176002
WA STATE EMERGENCY MANAGEMENT (MAIN OFFICE)
18-FEB-14 17:07 (800)2585990
WASHINGTON STATE FUSION CENTER (MAIN OFFICE)
18-FEB-14 17:07 (877)
WASHINGTON STATE NATIONAL GUARD (COMMAND CENTER)
18-FEB-14 17:07 (253)5128159

ADDITIONAL INFORMATION

CALLER STATED THE DRIVER OF THE VEHICLE TOOK OFF, NO REPORT OF INJURIES.

*** END INCIDENT REPORT #1074385 ***

Report any problems by calling 1-800-424-8802
PLEASE VISIT OUR WEB SITE AT <http://www.nrc.uscg.mil>

Entry Person JUNEAU, CONNIE

Entry Date 2/18/2014

Department of Ecology - Environmental Report Tracking System

ERTS # 646894

Initial Report

External Reference #

Caller Information

Where did it happen

First Name	Mike	Last Name	Claybourn	Berth		Anchorage	
Business Name	Union Pacific Rail Road			Location Name			
Street Address				Street Address	4012 SR 509 & S Frontage Road		
Other Address				Other Address			
City	State	WA	Zip	City/Place	TACOMA	State	WA Zip
E-mail				County - Region	PIERCE	SWRO	FS ID
Phone	Ext	Type	Confidential_FL <input type="checkbox"/>	Waterway	Type		
(888) 877-7267		Business		Latitude	Longitude		
				Topo Quad 1:24:000	TACOMA		
				Direction/Landmark (mile post, cross roads, township/range)			

What happened

Spills Program Oil Spill? **Y**

Incident Date	2/17/2014	Received Date	2/19/2014 9:06
Medium	Fresh water		
Material	Diesel Oil		
Sheen Only	Quantity	To Water	
<input type="checkbox"/>	400		
Source	Train		
Type	Vehicle	Primary	<input checked="" type="checkbox"/>
Cause			
Incident Type	Vehicular Accident		
Activity	Other		
Impact	WATER POLLUTION		
Vessel Name			
Hull Number			

Primary Potentially Responsible Party Information

First Name	Last Name
Name	
Business Name	
Street Address	
Other Address	
City	State Zip
Phone	Ext Type
E-mail	

Additional Contact Information

Name	Phone	Ext	Type
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More Information

Caller is the owner of the tank rail car that was involved in the car vs train accident that occurred at the Progressive Rail site on 4012 SR 509 & South Frontage Road. The tank car was at the facility for repairs when struck by vehicle that went off road. The accident occurred on 2/17/14 at 23:00 central time.

Entry Person **JUNEAU, CONNIE**

Entry Date **2/19/2014**

Department of Ecology - Environmental Report Tracking System

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Referral

Referral Method		Person Referred to	UNGER, ANDREA	Referral #	177721
<input type="radio"/> E-mail ERTS number		Phone	407-6334	Fax	Primary <input type="checkbox"/>
<input type="radio"/> E-mail attachment		E-mail	aung461@ecy.wa.gov		
<input type="radio"/> Print		Program/Organization	SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE		
<input checked="" type="radio"/> Telephone		Address			
		City			
		Region/Location	SWRO		
		Referral Date	2/18/2014		

Department of Ecology - Environmental Report Tracking System

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Followup

Inspector Information		Where did it happen		Followup #1
Referral # 177721		Berth	Anchorage	
<input checked="" type="checkbox"/> Lead Inspector	UNGER, ANDREA	Location Name	Progress Rail	
Program/Organization	SPILLS, PREVENTION, PREPAREDNESS AND RESPONSE	Street Address	Hwy 509 & 4012 Frontage Rd	
* Region/Location	SWRO	Other Address		
# of Ecology Staff	2	City/Place	TACOMA	State WA Zip
Overtime	<input checked="" type="checkbox"/>	County	PIERCE	Region SWRO FS ID
Action	Start Date	End Date	Waterway	Type
FIELD RESPONSE - INVESTIGATION	2/18/2014	2/21/2014	WRIA #	
What happened	Spills Program Oil Spill? <input checked="" type="checkbox"/>	Latitude	47.246	Longitude 122.379
Incident Date	2/18/2014	Topo Quad 1:24,000	TACOMA	
<u>Medium</u>		Direction/Landmark (mile post, cross roads, township/range)		
<u>Fresh water</u>				
<u>Material</u>				
<u>Diesel Oil</u>	<input type="checkbox"/> Sheen Only			
Quantity	To Water	To Imperm	Recover	NRDA
250	50	0	240	Est <input type="checkbox"/>
<u>Source</u>	Regulated? <input type="checkbox"/>	Potentially Responsible Party Information		
<u>Train</u>		Check if the primary PRP provided notice to Ecology <input type="checkbox"/>		
Type	Vehicle	Primary <input checked="" type="checkbox"/>	First	Last
		Name	Unknown	
<u>Cause</u>		Business Name		
<u>Sabotage/suspected illegal activity</u>		Street Address		
Type	Human Error	Other Address		
		City	State WA	Zip
<u>Incident Type</u>		Phone	Ext	Type
<u>Vehicular Accident</u>		E-mail		
<u>Activity</u>				
<u>Static or performing designed function</u>				
<u>Impact</u>				
<u>WATER POLLUTION</u>				
<u>Vessel</u>				
Narrative				
<p>Summary: Tacoma Fire Dispatch reported a diesel spill at 4012 S Frontage Road, Port of Tacoma. Because I, Andrea Unger, was unable to contact the fire company on scene not much more information available until Ecology Responders, Nannette Brooks and I arrived on site. Upon arriving we found a Ford Mustang car had been traveling at a high rate of speed went through a chain-link fence and hit a refrigerated railcar that was on the rails at Progress Rail Company, which is company that repairs railcars. When the Mustang hit the railcar it caused an estimated 240 gallons of diesel to spill to the gravel in Progress yard and into a ditch that runs along Hwy 509 then into a catch basin that emptied into the median.</p> <p>The driver of the Mustang fled the accident scene before police and fire arrived on site. City of Tacoma Source Control, Mark Schuler, was on scene and had all ready spoken with the manager at Progress Rail. Progress Rail had hired NRCES to respond to the diesel spill. I estimated that approximately 50 gallons of diesel got into the catch basin and about 2 gallons made it through the pipe to the retention pond across the street. NRCES responded and used two vactor trucks to cleanup the standing diesel on the site and in the stormwater system. The volume of diesel spilled is an estimate because it was unknown exactly how much diesel was in the refrigerated railcar's fuel tank when it was hit. Ecology received 3 different volume reports on the spill which include reports from Tacoma Fire, Progress Rail and Union Pacific Rail Road. All three reports are included in the ERTS.</p> <p>The Progress Rail property is all ready on the Ecology Contaminated Property Site List and is owned by the Port of Tacoma. I contacted Jenn Stebbings, Port of Tacoma Environmental Programs, who responded to the incident. Progress Rail was going to contact a environmental consultant to conduct some soil sampling.</p> <p>Type 6</p>				
Vessel Emergency <input type="checkbox"/>		Entry Person: UNGER, ANDREA		Entry Date 3/4/2014