



9520 10th Ave S Ste 150
Seattle, WA 98108
Phone: (206) 607-3000
Fax: (206) 607-3001
www.nrcc.com

Emergency Response
1-800-33-SPILL

January 22, 2016

Mr. Joseph May
Great West Casualty
2950 E Goldstone DR
Meridian, ID 83642

Re: **Report of Activities for Diesel Spill**
27230 SR 9
Arlington, WA 98223
NRC Job # 100966

Dear Mr. Johnson,

The following correspondence details the results of activities conducted by NRC Environmental Services (NRC) on December 31, 2015 for Great West Casualty at 27230 SR 9 in Arlington, WA.

Response Activities

On December 30, 2015, NRC personnel were contacted by Great West Casualty to sample, remediate, and backfill a section of shoulder along SR 9 in Arlington, WA that was impacted due to a diesel spill. NRC personnel responded to the site on December 31, 2015, to collect soil samples for analysis. NRC personnel would then begin the coordination of setting up traffic control measures for the remediation process.

On January 4, 2016, NRC personnel received the analytical report back from the laboratory. NRC personnel were then able to schedule the traffic control.

On January 7, 2016, NRC personnel returned to the site and utilizing a vector truck removed 2.34 tons of impacted material along the shoulder of SR 9. NRC personnel then collected one (1) soil sample to ensure that all of the impacts had been removed. NRC then utilized a mini excavator to backfill the excavated area and returned it to its original state.

Sampling Activities-December 31, 2015, January 7, 2016

On December 31, 2015, in order to identify the areas of petroleum-impacted soil before remediation began, a total of four (4) discreet soil samples were initially obtained from the site.

On January 7, 2016, in order to confirm that remediation activities had removed all petroleum-impacted soil, a total of one (1) discreet soil sample was initially obtained from the excavation.

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Soil samples obtained from the excavation were collected by transferring surface soils with a fresh pair of disposable nitrile gloves. Each soil sample from the excavation was field screened for the presence of petroleum hydrocarbons by visual, olfactory, and sheen testing. Sheen testing was performed by placing approximately 5 grams of disaggregated soil in a black pan and adding distilled water to observe the presence or absence of sheen on the water. Collected soil samples retained for chemical analysis were placed immediately into two, 4-ounce glass jars capped with Teflon-lined lids. Sample jars were then labeled for shipment to the analytical laboratory. A chain-of-custody form was prepared to accompany the samples when transporting to an accredited analytical laboratory facility.

All samples were analyzed for NWTPH-Dx. A copy of the results of laboratory analysis is included as Appendix 3. A summary of the results of laboratory analysis is included in Table 1 below:

Table 1: Results of Laboratory Analysis of Soil Samples

Sample ID	Date	Time	NWTPH-Dx Results (mg/kg)	
			Diesel Range	Oil Range
S-1	12/31/15	8:30	29000	940
S-2	12/31/15	8:35	250	230
S-3	12/31/15	8:40	370	96
S-4	12/31/15	8:45	150	260
S-1	1/7/16	10:55	310	ND

Conclusion and Recommendations

During this response, 2.34 tons of diesel impacted soil and debris was removed from the site. Upon reviewing the results of confirmation sample data there is no evidence of any diesel impacted soil that is above the Washington State Department of Ecology MTCA regulations at the time of sampling.

NRC does not recommend any further actions at this site due to the confirmation samples being below the Washington State Department of Ecology MTCA regulations and that the site has been restored in accordance with Washington State Department of Transportation specifications.

Copies of photos of cleanup activities are included with this report. All work performed by NRC was in strict compliance with all local, state and federal regulations, with a special emphasis placed on safety and protection to the environment.

Respectfully,

Richard Guerrero

Richard Guerrero

Project Supervisor

NRC Environmental Services

Office: 206-607-3000

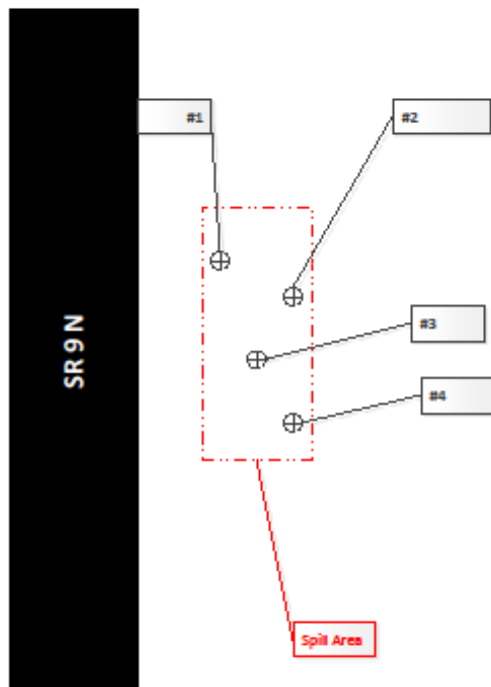
E-mail: rguerrero@nrcc.com

Cell: 253-255-8139

A n a l y t i c a l

Sampling Map
Great West Casualty
Prepared by NRC Environmental Services
January 22, 2016

Diesel Spill from Semi Wreck
SR 9, Arlington, WA
NRC Job # 100966



Not to Scale



January 4, 2016

Mr. Richard Guerrero
NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108

Dear Mr. Guerrero,

On December 31st, 5 samples were received by our laboratory and assigned our laboratory project number EV15120209. The project was identified as your Hwy 9 Arlington, WA. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

A handwritten signature in black ink, appearing to read "Rick Bagan".

Rick Bagan
Laboratory Director

Page 1

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CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Hwy 9 Arlington, WA
CLIENT SAMPLE ID: S-1
DATE: 1/4/2016
ALS JOB#: EV15120209
ALS SAMPLE#: EV15120209-01
DATE RECEIVED: 12/31/2015
COLLECTION DATE: 12/31/2015 8:30:00 AM
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	29000	1200	50	MG/KG	01/04/2016	EBS
TPH-Oil Range	NWTPH-DX	940	50	1	MG/KG	01/04/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25 50X Dilution	NWTPH-DX	345 DS2	01/04/2016	EBS
C25	NWTPH-DX	337 DS1	01/04/2016	EBS

DS2 - Due to high dilution factor surrogate results should be considered uncontrolled.
DS1 - Surrogate outside of control limits due to matrix effect.
Chromatogram indicates that it is likely that sample contains diesel and an unidentified oil range product.
Oil range product results biased high due to diesel range product overlap.



CERTIFICATE OF ANALYSIS

CLIENT:	NRC Environmental Services 9520 - 10th Ave S., Suite 150 Seattle, WA 98108	DATE:	1/4/2016
		ALS JOB#:	EV15120209
		ALS SAMPLE#:	EV15120209-02
CLIENT CONTACT:	Richard Guerrero	DATE RECEIVED:	12/31/2015
CLIENT PROJECT:	Hwy 9 Arlington, WA	COLLECTION DATE:	12/31/2015 8:35:00 AM
CLIENT SAMPLE ID	S-2	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	250	25	1	MG/KG	01/04/2016	EBS
TPH-Oil Range	NWTPH-DX	230	50	1	MG/KG	01/04/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	108	01/04/2016	EBS

Chromatogram indicates that it is likely that sample contains diesel and an unidentified oil range product.



CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Hwy 9 Arlington, WA
CLIENT SAMPLE ID: S-3
DATE: 1/4/2016
ALS JOB#: EV15120209
ALS SAMPLE#: EV15120209-03
DATE RECEIVED: 12/31/2015
COLLECTION DATE: 12/31/2015 8:40:00 AM
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	370	25	1	MG/KG	01/04/2016	EBS
TPH-Oil Range	NWTPH-DX	96	50	1	MG/KG	01/04/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	119	01/04/2016	EBS

Chromatogram indicates that it is likely that sample contains diesel and an unidentified oil range product.
Oil range product results biased high due to diesel range product overlap.



CERTIFICATE OF ANALYSIS

CLIENT:	NRC Environmental Services 9520 - 10th Ave S., Suite 150 Seattle, WA 98108	DATE:	1/4/2016
		ALS JOB#:	EV15120209
		ALS SAMPLE#:	EV15120209-04
CLIENT CONTACT:	Richard Guerrero	DATE RECEIVED:	12/31/2015
CLIENT PROJECT:	Hwy 9 Arlington, WA	COLLECTION DATE:	12/31/2015 8:45:00 AM
CLIENT SAMPLE ID	S-4	WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	150	25	1	MG/KG	01/04/2016	EBS
TPH-Oil Range	NWTPH-DX	260	50	1	MG/KG	01/04/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	103	01/04/2016	EBS

Chromatogram indicates that it is likely that sample contains diesel and an unidentified oil range product.
Diesel range product results biased high due to oil range product overlap.



CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
DATE: 1/4/2016
ALS SDG#: EV15120209
WDOE ACCREDITATION: C601
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Hwy 9 Arlington, WA

LABORATORY BLANK RESULTS

MB-122815S - Batch 100170 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	12/29/2015	DLC
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	12/29/2015	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
DATE: 1/4/2016
ALS SDG#: EV15120209
WDOE ACCREDITATION: C601
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Hwy 9 Arlington, WA

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 100170 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	100			12/29/2015	DLC
TPH-Diesel Range - BSD	NWTPH-DX	98.2	2		12/29/2015	DLC

APPROVED BY

Laboratory Director

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[illegible]



January 8, 2016

Mr. Richard Guerrero
NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108

Dear Mr. Guerrero,

On January 7th, 1 sample was received by our laboratory and assigned our laboratory project number EV16010031. The project was identified as your Great West Casualty - Job 100966. The sample identification and requested analyses are

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

A handwritten signature in black ink, appearing to read "Rick Bagan".

Rick Bagan
Laboratory Director

Page 1

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CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services DATE: 1/8/2016
9520 - 10th Ave S., Suite 150 ALS JOB#: EV16010031
Seattle, WA 98108 ALS SAMPLE#: EV16010031-01
CLIENT CONTACT: Richard Guerrero DATE RECEIVED: 01/07/2016
CLIENT PROJECT: Great West Casualty - Job 100966 COLLECTION DATE: 1/7/2016 10:55:00 AM
CLIENT SAMPLE ID: S-1 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	310	25	1	MG/KG	01/07/2016	EBS
TPH-Oil Range	NWTPH-DX	U	50	1	MG/KG	01/07/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
C25	NWTPH-DX	104	01/07/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains diesel.

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CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
DATE: 1/8/2016
ALS SDG#: EV16010031
WDOE ACCREDITATION: C601
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Great West Casualty - Job 100966

LABORATORY BLANK RESULTS

MB-010516S - Batch 100352 - Soil by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	MG/KG	25	01/06/2016	EBS
TPH-Oil Range	NWTPH-DX	U	MG/KG	50	01/06/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

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CERTIFICATE OF ANALYSIS

CLIENT: NRC Environmental Services
9520 - 10th Ave S., Suite 150
Seattle, WA 98108
DATE: 1/8/2016
ALS SDG#: EV16010031
WDOE ACCREDITATION: C601
CLIENT CONTACT: Richard Guerrero
CLIENT PROJECT: Great West Casualty - Job 100966

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 100352 - Soil by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	105			01/06/2016	EBS
TPH-Diesel Range - BSD	NWTPH-DX	108	3		01/06/2016	EBS

APPROVED BY

A handwritten signature in black ink, appearing to read "Phil Baggett".

Laboratory Director

EV16010031

Date: 1/7/16
Page 1 of 1

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST

NRC ENVIRONMENTAL SERVICES

P.O. Box 39
Kent, WA 98035
253-8712-8988
Fax 253-872-8989

Project: Great West Casualty # 100966
NRCES Contact: Richard Guerrero P.O. # 100966-RLG
Telephone: 253-255-8139
Samplers Name: Kyle Bozza
Samplers Signature: *Kyle Bozza*

ANALYSIS REQUIRED

Sample ID	Date	Time	Matrix	No. of Cont.	Volume	NWTPH (circle one) Gx	BTEX by EPA 8021	PAH's by EPA 8021	VOC's by EPA 8070	PCB's by EPA 8082	TCLP (8) Metals	TCLP (3) Metals
S-1	1/7/16	10:55am	S	1	8oz.	<input checked="" type="checkbox"/>						
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

ANALYTICAL LABORATORY NAME/ADDRESS/PHONE
ALS, 88020 Holly Dr #100
Everett, WA

SPECIAL INSTRUCTIONS
E-mail results to
r.guerrero@nrc.com
Normal turn on the
Sample

Relinquished By: *Kyle Bozza*
Signature: *Kyle Bozza*
Firm: NRC

Date/Time: 1/7/16 2:00 PM

Relinquished By: *Shawn Robinson*
Signature: *Shawn Robinson*
Firm: ALS

Date/Time: 1/7/16 2:00 PM

D i s p o s a l D o c u m e n t a t i o n

PRINTIX (253) 582-5576

STRAIGHT BILL OF LADING - ORIGINAL - NOT NEGOTIABLE

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

Tracking No. **67034**

Carrier **NRC** SCAC **NRC** Carrier's No. **2155**

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 **1-7-16** from _____

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: Consignee **PRS**
Street **3003 Taylor way**
Destination **Tacoma, WA** Zip _____
Route **ADY**

FROM: Shipper **Great West Casualty**
Street **27230 SR-9**
Origin **Arlington, WA** Zip _____

Delivering Carrier **NRC** Vehicle Number **2155** U.S. DOT Hazmat Reg. Number _____

Number and Type of Packages	HM	I.D. Number	Description of Articles	Hazard Class	Pkg. Grp.	Total Quantity (mass, volume, or activity)	Weight (subject to correction)	Class or Rate
44			Contaminated solids (diesel)			2.34 tons		
			non haz, not regulated by DOT					
			Job # 100966 Profile # 5007-b					
			PO # 100966-RG					

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 \$ _____

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: _____ DATE: _____

PER: _____ DATE: _____

EMERGENCY RESPONSE TELEPHONE NUMBER: () _____

PLACARDS REQUIRED ☒ BY SHIPPER ☐ BY CARRIER

CARRIER: **NRC** DRIVER'S SIGNATURE: **Alensy** DATE: **1-7-16**

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

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

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

PRS **2**

65057

**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: 1-7-2016	Carrier: Nrc	Vehicle #: 2155
Drivers Signature *: <i>[Signature]</i>	Plant Employee: Brady	Time: 3:49 PM

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	Oil Waste Water	Oily Solids	PCS	Absorbent	Empty Drums	Other
Great West Casualty	5007-b	100966-Rg							2.34t			oc

* 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.

P h o t o D o c u m e n t a t i o n



Photo 1: Site upon arrival.



Photo 2: Initial sample locations.



Photo 3: NRC personnel removing impacts.



Photo 4: NRC personnel placing backfill material.



Photo 5: NRC personnel placing backfill material.



Photo 6: Site upon completion.