

Sustainability in Action

1810 E James St, Pasco, WA 99301

February 18, 2025

Mr. Kelly Gilchrist Washington State Department of Ecology 4601 N Monroe Spokane, WA 99205

Re: Report of Activities for Canola Oil Based Biodiesel Spill 1810 E James St Pasco, WA 99301

Dear Mr. Gilchrist,

The following correspondence details the results of activities conducted by Republic Services (RS) on January 21, 2025, at 1810 E James St, Pasco, WA.

Initial Activities

On January 21, 2025, RS personnel were loading a 275-gallon tote of canola oil based biodiesel onto a truck. During this operation, the forklift punctured the tote resulting in all of the canola oil contents being spilled onto the ground.

RS personnel on site assessed the spill and found that the canola oil based biodiesel had impacted the dirt parking lot. No waterways were found to be impacted. RS personnel immediately deployed absorbent material to the impacted areas. Hand tools were then utilized to solidify the pooled product. This impacted material was placed into a cubic yard box. RS personnel determined that excavation operations would need to take place to remove the remaining canola oil bio-diesel impacts. The site was then covered, secured with plastic sheeting, and marked for locates pending excavation operations.

On January 22, 2025, with locates complete, RS personnel began excavation operations. RS personnel utilized an excavator, skid steer, and hand tools to remove the canola oil based biodiesel impacted soil and debris. This material was placed into a total of six (6) roll-off boxes for disposal. Field screening operations were conducted during the excavation to determine that the extent of the impacts had been removed. Confirmation soil samples were then collected, and the site was secured pending backfill operations.

On February 6, 2025, after reviewing the results of analytical data, RS personnel utilized the excavator, skid steer, and hand tools to backfill the excavation area. The site was restored to its original state.

Disposal Activities

On February 11, 2025, Republic Services personnel transported a total of 37.40-tons of canola oil based biodiesel impacted soil and debris to Roosevelt Landfill in Roosevelt, WA for disposal.

On February 12, 2025, Republic Services personnel transported a total of 34.98-tons of canola oil based biodiesel impacted soil and debris to Roosevelt Landfill in Roosevelt, WA for disposal.

On February 17, 2025, Republic Services personnel transported a total of 21.98-tons of canola oil based biodiesel impacted soil and debris to Roosevelt Landfill in Roosevelt, WA for disposal.

Sampling Activities

On January 30, 2025, in order to confirm that the areas of petroleum-impacted soil had been removed, a total of eight (8) discrete soil samples and one (1) discrete waste characterization sample were obtained from the site.

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, 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/Dx. A copy of the results of laboratory analysis is included. A summary of the results of laboratory analysis is included in Table 1 below:

Comple ID	Date	Donth	NWTPH-Dx I	Results (mg/kg)
Sample ID	Date	Depth	Diesel Range	Oil Range
PY-INITIAL SAMPLE	1/30/25	Surface	24000	280
PY-1 BOTTOM	1/30/25	12″	98	ND
PY-2 SW	1/30/25	8″	ND	ND
PY-3 BOTTOM	1/30/25	11″	640	ND
PY-4 BOTTOM	1/30/25	10″	1200	ND
PY-5 SW	1/30/25	6″	ND	ND
PY-6 SW	1/30/25	7″	200	ND
PY-7 BOTTOM	1/30/25	12″	350	ND
PY-8 SW	1/30/25	8″	ND	ND

Table 1: Results of Laboratory Analysis of Soil Samples

Conclusion and Recommendations

During this response, 94.36-tons of canola oil based biodiesel impacted soil and debris was removed from the site. Upon reviewing the results of confirmation sample data there is no evidence of any canola oil based biodiesel impacted soil that is above the Washington State Department of Ecology MTCA regulations at the time of sampling.

Republic Services 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 to its original state.

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

Respectfully,

Alicia Baker

Alicia Baker Project Manager Republic Services Cell: 509-378-2628 E-mail: <u>abaker@republicservices.com</u>

Photo Documentation

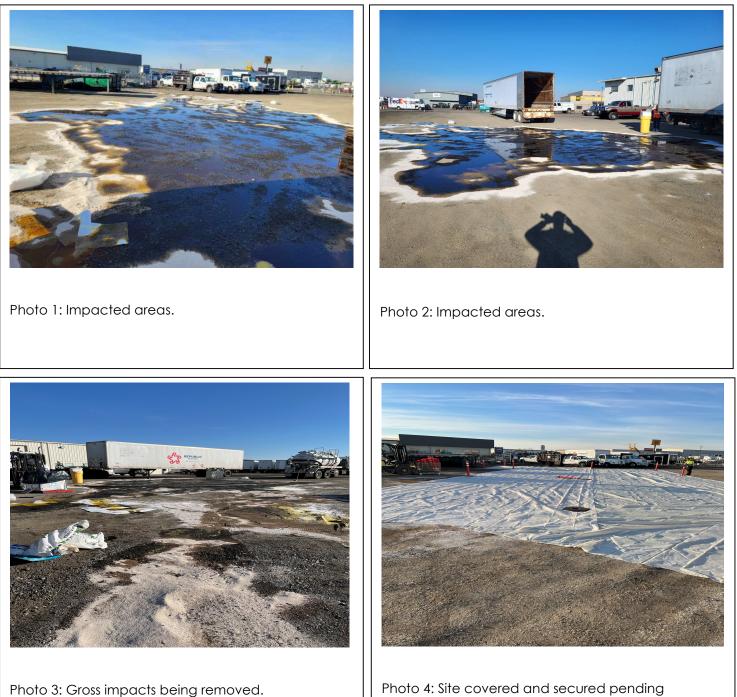


Photo 4: Site covered and secured pending excavation operations.

Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025 Republic Services Pasco, WA

Page 6





Photo 5: Excavation operations.

Photo 6: Excavation operations.



Photo 7: Excavation operations.



Photo 8: Excavation operations.

Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025 Republic Services Pasco, WA

Page 7





Photo 9: Excavation operations.

Photo 10: Excavation operations.



Photo 11: Impacts removed and site backfilled.



Photo 12: Impacts removed and site backfilled.

Disposal Documentation

Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025

					1	-		
NON-HAZARDOUS WASTE MANIFEST	1. Generator B Number	2. Page 1 of Att: Arvn Kerr	3. Emergency Respons 800 89	9-4672	4. Waste T	racking Numb	0149	- 0 0 0 1
5. Generative Banvinot Mail		Aut. Au yn Aon	Generator's Site Addres	s (if different th	an mailing addr	ress)		
ið ið Easi Jame Pasco VVA 993								
	492-5560							
Generator's Phone:							<u> </u>	
6. Transporter 1 Company Nor	MENTAL SERVICES INC	2.			U.S. EPAID	R 0 0	0 0 3 0	114
7. Transporter 2 Company Nan	he				U.S. EPA ID	Number		
8. DesigeoubliditServie	esi Rhineavelt				U.S. EPA ID	Number		
500 Roosevelt O Roosevelt WA	Grade Rd 99356						8515	774
Facility's Phone:	384-5641				1	0 9 0	5 5 1 5	/ / 1
	Description		10. Con	lainers	11. Total	12. Unit		
9. Waste Shipping Nam			No.	Туре	Quantity	Wt./Vol.		
	NOT REGULATED BY THE E).O.T., (CANOLA OIL						
	50ic)		1	СМ		т	2 4	
2.						2		
3.								
								1000
4.								
				- 2				
13. Special Handling Instruction				5				R. 7384
14. GENERATOR'S/OFFERO	YS CERTIFICATION: I hereby declare that the led, and are in all respects in proper condition	e contents of this consignment are	e fully and accurately de	seribed above	by the proper st	hipping name, a	ind are classifie	d, packaged,
				tional governm	ental regulations	S.		
Generator's/Offeror's Printed/T		Sign	ature				Month	Day Year
	ilan		C	-			2	11 25
15. International Shipments	Import to U.S.	Export from U	.S. Port of e	ntry/exit:				
Transporter Signature (for expo	orts only):			ving U.S.:				
16. Transporter Acknowledgme				1				
Transporter 1 Printed/Typed Na	ame	Sign	ature	11	2		Month	Day Year
16. Transporter Acknowledgme Transporter 1 Printed/Typed Na Stance 1 Transporter 2 Printed/Typed Na) Spike	6	Lot	11/	61		a	11 25
Transporter 2 Printed/Typed No	ame	Sign	ature d	1			Month	Day Year
17. Discrepancy								
17a. Discrepancy Indication Sp	ace Quantity	П туре	Residue		Partial Re	loction		ull Rejection
	duarany	туре				gection		uli nejection
17b. Alternate Facility (or Gene	(notor)		Manifest Reference	Number:	11.0 504 10	Mumber		
176. Alternate Facility (or Gene Facility's Phone:	iaior)				U.S. EPA ID	NUTION		
					Е			
17c. Signature of Alternate Fac	anty (or Generator)	1					Month	Day Year
17c. Signature of Alternate Fac			See.	1.4	1		510	
10 Decimental Facility C	On the Online to the state of t	in a second backback and the second back						and the
	or Operator: Certification of receipt of materia			11	M		A	Day V-
Whoted/Typed Name	a l'ann	Sign		10	0		Month	Day Year
Janell	e Cannon	-	100			2	0	Ip
9-BLC-0 5 11977 (Rev	9/09)			D	ESIGNAT	ED FACIL	ITY TO G	ENERATO

TE			SITE	TICKET #		CELL		
Roosevelt	Landfill 509-384-5641		SITE	HGKET#	14671	CELL		
500 Roosev	elt Grade Road -Roose	velt, WA	WEIGH	MASTER	Danielle C.			
ISTOMER 690421			DATE	IME IN 2/11/2	5 11:02 am	DATE/TIM	11/25 1	1:41 am
	vironmental Services I Inrise Highway	inc.	VEHICL	E	OLOGY	CONTAIN		
Great F	MANUAL OUT TARE WEIGHT 43,620 NET WE:		REFER	ENCE 2224	2 US ECOLOGY	/536		
Contract:T	B-1810 PO:6675-79629	6	BILL O	FLADING		,		÷
		,	21102		Bm# 6	36	INBOUND INVOICE	
QTY. UNIT		DESCRIPTION		RA	TE EXTEN	SION	TAX	TOTAL
17.81 tn	PCS 34	Origin:Pasco 100%				-		
17.81 tn	PCS 34	Origin:Pasco 100%	Pail	6.10	0149,-	01	Ĩ	
		1			0149 _e -	01	-	a.
THIS IS TO CER weighmaster, who by chapter 15.80 INBOUND - SCA	PCS 34 TIFY that the following described iose signature is on this certificat RCW administered by the Wash LE INDICATOR B337755370 E- CALE INDICATOR 56656605KM	d commodity was weighed, mea e, who is a recognized authority ington State Department of Agr seal #2002	sured, or counted by of accuracy, as pres	a	0149,-	01		NET AMOUNT
THIS IS TO CER weighmaster, wi by chapter 15.80 INBOUND - SCA OUTBOUND - S The undersig	TIFY that the following described ose signature is on this certificat RCW administered by the Wash LE INDICATOR B337755370 E- CALE INDICATOR 56656605KM med Individual signing this document e side and that he or she has the aut	d commodity was weighed, mea e, who is a recognized authority lington State Department of Agr seal #2002 IE-seal #2008 D c on behalf of Customer acknowledg hority to sign this document on beha	sured, or counted by of accuracy, as pres- iculture. anielle Cannon es that he or she has re	a		1		

A		NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number			ergeary Bessons	4672	4. Waste Tj	acking Num	₩0149	0002
н	T	5. Genards Elwanor Hau	nited Services	Att:	Arvn Kerr Gener	ator's Site Address	(if different t	han mailing addre	ess)		
		1810 East James Pasco VVA 993	ūi 🖉 🚽		6						
		Generator's Phone: 509									^
		5. Transporter 1 Company Nam NRC ENVIRON	MENTAL SERVICES	INC.					R 0 0	0030	114
	Ī	7. Transporter 2 Company Nam	ie					U.S. EPA ID	Number		
	ħ	B. Dertrepdbreiservice	s Roderevelt					U.S. EPA ID	Number		
		500 Roosevelt G	Grade Rd								
		Roosevelt WA 9 509 3	99306 384-5641					WAI	D 9 8	8515	771
	┝	Facility's Phone:				10. Conta	iners				
Ш		9. Waste Shipping Name	and Description			No.	Type	11. Total Quantity	12. Unit Wt./Vol.		
Į.	h		OT REGULATED BY T	HE D.O.T., (CAN	IOLA OIL	110.	1900				1.4.1102
GENERATOR		IMPACTED S	SOIL)				СМ	20	т		
GENE		2.								1976.00	
										n wis a	
		3.									1.14.15
											g n E n
		4.									1 2 3
	L									11.2	
		13, Special Handling Instruction	is and Additional Information								4
										1×	
										9	
	ŀ	14. GENERATOR'S/OFFEROR marked and labeled/olacard	'S CERTIFICATION: I hereby declar led, and are in all respects in proper	e that the contents of this condition for transport acc	consignment are fully ording to applicable in	and accurately des	cribed above	by the proper sh nental regulations	ipping name,	and are classified	l, packaged,
	t	Generator's/Offeror's Printed/Ty			Signature	CAL	1			Month	Day Year
۲		15. International Shipments	BALLE		10	Sta	\sim			Z	11/25
L'FN	:1	Transporter Signature (for expo	Import to U.S.	L	Export from U.S.	Port of er					
	+	16. Transporter Signature (for expo 16. Transporter Acknowledgme				Date leav	ng 0.5.;		1		
BT B	ľ	Transporter 1 Printed/Typed Na			Signature	R.	.1	ME	1	Month	Day Year
SPO	5		ajseri			API	u	me	1		11/25
TRANSPORTER		Transporter 2 Printed/Typed Na	ime		Signature					Month	Day Year
H	-	17. Discrepancy									
	4 1-	17a. Discrepancy Indication Spa								Π-	
			Quantity			Residue		Partial Re	Jection	L Fi	II Rejection
		The Allemate Coults for C	unte d		М	anifest Reference I	Number:	110 504 15	Mumh		
È		17b. Alternate Facility (or Gene	rator)					U.S. EPA ID	Number		
ACI	ē	Facility's Phone:						1			
		17c. Signature of Alternate Faci	ility (or Generator)							Month	Day Year
GNAT											
DESIGNATED FACILITY											2.1
		1.		1.	nt E	1 412					45.24
			or Operator: Certification of receipt of	materials covered by the	manifest except as no	ted in Item 17a	1	11			
		Prioted/Typed Name	- Cannon		Signature	N	10	A		Month	Vay Year
16	20	BLC-0 5 11977 (Rev.			V /	V		ESIGNAT			NERATOR
10	,3.	DLO-0 3 119// (Rev.	3/03)					LOIGINAL	LU FAUL		INCHAIUH

Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025

Paae	12
1090	

E			OITE	TIONET .		PASCO Va	10
Roosevelt			SITE	TICKET # 14	674	CELL	
500 Roose	velt Grade Road -Roose	velt, WA	WEIGH	MASTER Dan	ielle C.		
STOMER 690421	1		DATE/	TIME IN 2/11/25	1.00	DATE/TIME OUT 2/11/25	
		Inc.	VEHICI		1:22 pm	2/11/25 CONTAINER	2:36 pm
	Roosevelt Grade Road -Roosevelt, WA 690421 NRC Environmental Services Inc. 3500 Sunrise Highway Great River, NY 11739 great River, NY 11739 Itract:TB-1810 PO: 6675-79629 SCALE IN GROSS WEIGHT 82,800 NET TONS MANUAL OUT TARE WEIGHT 43,620 NET WEIGHT VD Tracking QTY Origin:Pasco 100% YD Tracking QTY PC1 STO CERTIFY that the following described commodity was weighed. mea master, whose signature is on this certificate, who is a recognized authority piper 15.80 RCW administered by the Washington State Department of Agrinton State Department State Department State Department State Department S			US ECOLO	GY	CONTAINER	
	NRC Environmental Services Inc. 3500 Sunrise Highway Great River, NY 11739 ttract:TB-1810 PO:6675-79629 SCALE IN GROSS WEIGHT 82,800 NET TON: MANUAL OUT TARE WEIGHT 43,620 NET WEIGHT UNIT DESCRIPTION YD Tracking QTY 9 tn PCS 34 Origin:Pasco 100%		REFER	ENCE 22297 U	S ECOLOGY	20-1	
			BILL O	F LADING			9
			19.59 39,180	Bint RRS	58	INBOUN	2
QTY. UNIT	MP.	DESCRIPTION		RATE	EXTENSI	ON TAX	TOTAL
			10149	i-02	đ	-	
			10149	i-02	ġ		8
		2516			çî	4	1
THIS I\$ TO CE weighmaster, w	RTIFY that the following described	PZI 6	d or counted by		đ	-	
by chapter 15.8	RTIFY that the following described hose signature is on this certificat 0 RCW administered by the Wash	2 commodity was weighed, measure e, who is a recognized authority of a ington State Department of Agricult	d. or counted by		đ		NET AMOUNT
by chapter 15.8 INBOUND - SC	RTIFY that the following described hose signature is on this certificat 10 RCW administered by the Wash ALE INDICATOR B337755370 E-	d commodity was weighed, measure e, who is a recognized authority of a ington State Department of Agricultu seal #2002	d. or counted by ccuracy, as press ire.		*		
weighmaster, w by chapter 15.8 INBOUND - SC OUTBOUND - \$	Great River, NY 11739 Ontract:TB-1810 PO: 6675-79629 SCALE IN GROSS WEIGHT 82,800 NET TONS MANUAL OUT TARE WEIGHT 43,620 NET WEIGHT UNIT DESCRIPTION UNIT DESCRIPTION S15 tn PCS 34 Origin: Pasco 100% S15 TO CERTIFY that the following described commodity was weighed, meass ghmasler, whose signature is on this certificate, who is a recognized authority o thapter 15.80 RCW administered by the Washington State Department of Agric OUND - SCALE INDICATOR B337755370 E-seal #2008 The undersigned individual signing this document on behalf of Customer acknowledges	d <u>or counted by</u> ccuracy, as prese ire. le Cannon	a cribed	*		TENDERED	
weighmaster, w by chapter 15.8 INBOUND - SC OUTBOUND - S The undersi	ER 690421 NRC Environmental Services Inc. 3500 Sunrise Highway Great River, NY 11739 Intract:TB-1810 PO:6675-79629 SCALE IN GROSS WEIGHT 82,800 NET TONS MANUAL OUT TARE WEIGHT 43,620 NET WEIGHT UNIT DESCRIPTION D0 YD Tracking QTY PCS 34 Origin:Pasco 100% PCS 34 Origin:Pasco 100% PCS 34 Origin:Pasco 100% PCS 34 Origin:Pasco 100% PCS 34 Dright State Department of Agrice DUND - SCALE INDICATOR 58656605KM E-seal #2002 TBOUND - SCALE INDICATOR 56656605KM E-seal #2008 Dan The undersigned individual signing this document on behalf of Customer acknowledges on the reverse side and that he or she has the authority to sign this document on behalf	d. or counted by ccuracy, as press ire. le Cannon at he or she has re	a cribed	gi	dilions	TENDERED	
weighmaster, w by chapter 15.8 INBOUND - SC OUTBOUND - S The undersi		d commodity was weighed, measure e, who is a recognized authority of ar- ington State Department of Agricultu seal #2002 E-seal #2008 Daniel on behalf of Customer acknowledges the	d. or counted by ccuracy, as press irre. le Cannon at he or she has re- the customer.	a cribed	di	ditions	TENDERED
weighmaster, w by chapter 15.8 INBOUND - SC OUTBOUND - S The undersl	RTIFY that the following described hose signature is on this certificat 0 RCW administered by the Wash ALE INDICATOR B337755370 E- SCALE INDICATOR 56656605KM Igned individual signing this document ree side and that he or she has the aut	d commodity was weighed, measure e, who is a recognized authority of a ington State Department of Agricultu seal #2002 E-seal #2008 Daniel on behalf of Customer acknowledges that hority to sign this document on behalf of the	d. or counted by ccuracy, as press irre. le Cannon at he or she has re- the customer.	a cribed	ý ne terms and con	ditions	TENDERED

		1. Generator & Negaber	2. Page of 3. E	merranovu Bessonso Pl	bone -	4 Weste Tr	acking Numb	ar
1	NON-HAZARDOUS WASTE MANIFEST		Att: Arvn Kerr	mergesco Pessoge P	1672	* P*2		0149-0003
	5. Generation Earwine out Merid		Ger	erator's Site Address (if	f different tha	n mailing addre	ess)	
	1810 East Jame							
	Pasco VVA 993		1					
	Generator's Phone:	9 492-5560						· · · · · ·
		MENTAL SERVICES INC	<u> </u>			U.S. EPAID	Number	0030114
	INRO ENVIRO	NMENTAL SERVICES INC	<i>a</i> .			CA	RUUI	0030114
	7. Transporter 2 Company Nar	me				U.S. EPA ID	Number	
						ĺ		
	8. DestepublicitServic	esiRobsevelt				U.S. EPA ID	Number	
	500 Roosevelt (
	Roosevelt WA					141 4		
	Facility's Phone:	384-5641				VV A	0900	8515771
				10. Containe	ers	11. Total	12. Unit	
	9. Waste Shipping Nam			No.	Туре	Quantity	Wt./Vol.	
	1. IMPACTED	NOT REGULATED BY THE I	D.O.T., (CANOLA OIL				10	
۴ Ľ	IMPACTED	SOIL)			СМ	•	т	and the second second
RA						21		
GENERATOR	2.							
3				1 1	- 1			
				1 1				
	3,							
								1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
				1 1				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	4.							
				1 1	2			
								1
	13. Special Handling Instruction	ns and Additional Information		5				
								· · · · ·
							1	8
	marked and labeled/placar	R'S CERTIFICATION: I hereby declare that t ded, and are in all respects in proper condition	ne contents of this consignment are ful n for transport according to applicable	y and accurately descri nternational and nation	neg above b	y the proper sh ntal regulations	ipping name, a	ind are classified, packaged,
	Generator's/Offeror's Printed/T		Signatur	- nt	Y			Month Day Year
*	Stance	0 Solker	15	GIA				12/11/25
-	15. International Shipments	Dopent						
INT'L	Transporter Signature (for expo	Import to U.S.	Export from U.S.	Port of entry Date leaving				
	16. Transporter Acknowledgme			Date idaving	0.0			
TRANSPORTER	Transporter 1 Printed/Typed N		Signatur	-	0			Month Day Year
ğ	SL	0 5-14		250	1			2/11/25
IS	Transporter 2 Printed/Typed N	ame p- ne	Signatur	8	1			Month Day Year
IBA				0				
1	17. Discrepancy							
1	17a. Discrepancy Indication Sp	pace						
		Quantity	П туре	Residue		Partial Rej	ection	Full Rejection
, -	17b. Alternate Facility (or Gene	erator)		Manifest Reference Nur	mber:	U.S. EPA ID	Number	
5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
FACILITY	Facility's Phone:				1	í		
	17c. Signature of Alternate Fac	cility (or Generator)						Month Day Year
ATE		, (,	1					
DESIGNATED						20.00		
DES								1 5 1 N 1 1 1 1
I								
	18. Designated Facility Owner	or Operator: Certification of receipt of materia	Is covered by the manifest excent as	oted in Item 179	1	1 1		
	Privled/hped Name	10	Signatu		1 /1	11	1	Month Day Year
V	Danie	IP (ann	m III	1/1	11	100		712125
101				FUL		010111	-	1000
169	BLC-O 5 11977 (Rev	. 9/09)			DE	SIGNATE	D FACIL	ITY TO GENERATOR

Rooseve	elt	Landfill 509-384-5641				146	76	CELL		
500 'Ro	osev	elt Grade Road -Roosevelt, WA		Ň	EIGHMASTER		elle C.			
томер 90	0421			\neg	ATE/TIME IN	/12/25	7:03 am	DATE/TIME OL	T /25	7:54 am
		rironmental Services Inc. nrise Highway		N	EHICLE	US ECOLOG		CONTAINER	.,	, ioi un
		liver, NY 11739 B-1810 PO:6675-79629-	сё "К		EFERENCE		ECOLOGY	/REPUBLIC	SERV	ICES TF
MA		E IN GROSS WEIGHT 85,260 OUT TARE WEIGHT 43,300	NET TONS NET WEIGHT	20.98 41,960				-	NBOUN	-
TY.	UNIT	DESCRIP	TION		(RATE	EXTENS	ON T	AX	TOTAL
01		Pa16.	10149-03			ß	in#	REPS	57	
veighmasi y chapter NBOUND OUTBOUN The I	ter, wh 15.80 - SCA ND - Si undersi	TIFY that the following described commodity w ose signature is on this certificate, who is a rec RCW administered by the Washington State D LE INDICATOR 5837755370 E-seal #2008 GALE INDICATOR 56856605KM E-seal #2008 gned individual signing this document on behalf of Cu se side and that he or she has the authority to sign thi	cognized authority of a Department of Agricultu Daniel stomer acknowledges tha	accuracy, a ure. Ile Cannor at he or she	has read and	0	terms and co	nditions		NET AMOUNT TENDERED CHANGE CHECK#

1		NON-HAZARDOUS	-		B. Emergancy Response -800-85	9-4672	4. Waste	Fracking Num	^{be5} 014	9-00	04
		5. Genal Roc Harvie of Mailen Rall Services	A	tt: Aryn Kerlr _o	enerator's Site Addres	s (if different t	han mailing add	ress)			-
		1810 East James St. Pasco WA 99301	2 - C								
		509 492-5560		- 'm							÷.
		Generator's Phone: 6. Trapsporter 1. Company, Name						Number			_
		6. Transporter 1. Company, Name NRC ENVIRONMENTAL SE	ERVICES INC.				C.S.C.A	R 0 0	003	011	4
		7. Transporter 2 Company Name					U.S. EPA ID	Number			
	ľ	8. De Republici Services Robsevelt					U.S. EPA ID	Number			-
		500 Roosevelt Grade Rd Roosevelt WA 99356									
		509 384-5641					WA	D 9 8	851	577	1
	+	Facility's Phone:			10. Conta	alaora		T			
		9. Waste Shipping Name and Description			No.	Type	11. Total Quantity	12. Unit Wt./Vol.			
		1. MATERIAL NOT REGULAT IMPACTED SOIL)	ED BY THE D.O.T., (CA	NOLA OIL	110.	1900			- 1	1000	
GENERATOR		IMPACTED SOIL)			1	СМ	16	Т			
NEC		2,							FS 21		
1	1										
	h	3.							1 2		-
	1	4.									
	I					*		1 1			
	h	13. Special Handling Instructions and Additional Inform	ation							18. I I	
										*	
	L	Bin 3530							1		5
		20111									
	ſ	 GENERATOR'S/OFFEROR'S CERTIFICATION: I marked and labeled/placarded, and are in all respectively. 	hereby declare that the contents of this	s consignment are	fully and accurately des	cribed above	by the proper sh	hipping name, a	and are classi	fied, packaged	d,
		Generator's/Offeror's Printed/Typed Name,	cts in proper condition for transport acc	coroing to applicabl Signal	e international and nati	onal governm	ental regulations		Month		Year
V		Plucia Bak	er		A	X			12	1122	S
L'TV	1	15. International Shipments Import to U.S	s. [Export from U.S	. Port of en	try/exit:					
	+	Transporter Signature (for exports only):			Date leav						
E E	H	16. Transporter Acknowledgment of Receipt of Material Transporter 1 Printed/Typed Name	s	Signal		-	A				
B B		Bob Watz	m	J	RAN	MAK	th		Month		Year 2 S
TRANSPORTER	h	Transporter 2 Printed/Typed Name		Signat	ure	100.		_	Month		Year
Ĕ	+									[]	
	-	17. Discrepancy									
	Γ	17a. Discrepancy Indication Space Quantity	П Туре		Residue		Partial Re	ection		Full Rejection	n
×	h	17b. Alternate Facility (or Generator)			Manifest Reference N	lumber:	U.S. EPA ID	Number			-
							9.9. LI N IV	an invest			
FAC	F	Facility's Phone:					1				
TED	1	17c. Signature of Alternate Facility (or Generator)							Month	Day	Year
GNA	ŀ										h
DESIGNATED FACILITY											2
I											
	1	18. Designated Facility Owner or Operator: Certification	of receipt of materials covered by the	manifest except as	noted in Item 17a	1	1		1.1		
	(Printed/Typed Name	a so	Signat		1	11		Month	Day	Year
V		tarielle (a	nnor		1//	\sim	10	_	1	BL	25
16	9-I	BLC-O 5 11977 (Rev. 9/09)	5		00	D	ESIGNAT	ED FACIL	ITY TO		TOP



Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number CESQG	244	127	3. Emergency Respons 1-800-89				^{mber} 10149	0006
5. Generald's Hernerard Mail 18 10 East Jame Pasco VVA 993	is Si.	Att	Arvn Ker	Generator's Site Addres	s (if different t	han mailing addr	ess)		
6. Transporter 1 Company Nan NRC ENVIRO	NMENTAL SERVICES IN	C.					R 0 0	0030	1 1 4
7. Transporter 2 Company Nan	ne					U.S. EPA ID	Number		
8. Designated Facility Name Sepublic Service 500 Roosevelt WA	Grade Rd					U.S. EPA ID	Number		
	384-5641					WA	D 9 8	8515	771
9. Waste Shipping Nam	e and Description			10. Cont No.	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	-	
1. MATERIAL M IMPACTED 3	NOT REGULATED BY THE SOIL)	D.O.T., (CA	NOLA OIL		CF	150	P		
2.									
3.									3.1
4.									
13. Special Handling Instruction	ns and Additional Information								
	TB-7553B							*	4
PO# P2-16-	10149-85810								
14. GENERATOR'S/OFFEROI marked and labeled/placard	R'S CERTIFICATION: I hereby declare that ded, and are in all respects in proper condition	the contents of this on for transport acc	consignment a cording to applic	re fully and accurately de able international and ha	scribed above tional governm	by the proper st iental regulations	hipping name 3.	e, and are classified,	packaged,
Generator's/Offeror's Printed	yped Name		Sig	nature	4			Month	Day Year
15. International Shipments	Import to U.S.		Export from U	J.S. Port of e	ntry/exit:				
Transporter Signature (for expo 16. Transporter Acknowledgme				Date lea	ving U.S.:				
Transporter 1 Printed/Typed N			Sig	nature				Month	Day Year
Transporter 2 Printed/Typed Na	in Octur		Sig	nature MuA	FT	D		Month Z	Day Year 12 25
17. Discrepancy 17a. Discrepancy Indication Sp	ace Quantity	Птуре		Residue		Partial Re	jection	E Fu	I Rejection
17b. Alternate Facility (or Gene	rator)			Manifest Reference	Number:	U.S. EPA ID	Number		_
Facility's Phone: 17c. Signature of Alternate Fac	Ety (or Consenter)							Marth	Dave Marca
The organization of Alternate Had	mily (or Generatory							Month	Day Year
and p			1.5						
18. Designated Facility Owner Printed Typed Name	or Operator: Certification of receipt of materi	als covered by the		as noted in Item 17a	1	11		Month	Day Vest
Danie	12 Canno	N		10	U	\wedge	-	21	0125
-BLC-O 5 11977 (Rev	. 9/09)				D	ESIGNAT	ED FAC	ILITY TO GE	NERATOR

TERoosevelt Landfill 509-384-5641	SITE 01 TICK	ET# 146	86	CELL	
500 Rocsevelt Grade Road -Rocsevelt, WA	WEIGHMASTER	a Dani	elle C.	-	
JSTOMEP690421	DATE/TIME IN	2/12/25	2:34 pm	DATE/TIME OUT	2:56 pm
NRC Environmental Services Inc.	VEHICLE	US ECOLOG			2.50 pm
3500 Sunrise Highway Great River, NY 11739	REFERENCE			1	
Contract:TB-7553 PO:.	HEFERENCE	13618 PI	CUP		
	BILL OF LADIN	IG			0
00 YD Tracking QTY 08 tn Contaminated Debris Origin:Tacoma 100%	0.08			INBO	
QTY. UNIT DESCRIPTION		RATE	EXTENSI	ON TAX	TOTAL
Tracking git			Ø		L
weighmaster, whose signature is on this certificate, who is a recognized authority of acc by chapter 15.80 RCW administered by the Washington State Department of Agriculture INBOUND - SCALE INDICATOR B337755370 E-seal #2008 Danielle OUTBOUND - SCALE INDICATOR 56856805KM E-seal #2008 Danielle	curacy, as prescribed e.	d	0		NET AMOUNT
The undersigned individual signing this document on behalf of Customer acknowledges that h on the reverse side and that he or she has the authority to sign this document on behalf of the	e or she has read and	understande-the	term and con	ditions	CHANGE
RS-F042UPR (04/19) SIGNATUR	RE	X			CHECK#
				~	* 10

NON-HAZARDOUS WASTE MANIFEST 1. Generator ID Number C E S Q G 2. Page 1 of 1 3. Emergination 1 5. Generative 18 10 East Juannes St. Pasco VVA 9930 i Generator's Phone: 5. Transporter 1 Company Name NRC ENVIRONMENTAL SERVICES INC. Att. Aryn Kerl Generator 1 7. Transporter 2 Company Name 8. Designation English Services Robitsevent				racking Nu 16. ress)	^{mber} 101	49	- 0 () 0
18 10 East James St. Pasco VXA 9930 i Generator's Phone: 509 49'2-5560 6. Transporter 1 Company Name 7. Transporter 2 Company Name 8. DetrogetoLEnteinsteinsteinsteinsteinsteinsteinstein	or's Site Address	(if different t	han mailing add	ress)				-
G. Transporter 1 Company Name NRC ENVIRONMENTAL SERVICES INC. 7. Transporter 2 Company Name 8. Destrogradul Enterin Services Rubbiseeveit								
7. Transporter 2 Company Name 8. Detropological Standards Regional Standards Regio			U.S. EPA ID					
				R 0 0	0 0	3 0	1 1	4
8. Designated Eaclin Name and Sin Address velt			U.S. EPA ID	Number				
500 Roosevelt Grade Rd Roosevelt WA 99356 Facility's Phone: 509 384-5641			U.S. EPA ID	Number	85	15	77	1
9. Waste Shipping Name and Description	10. Conta	iners	11. Total	12. Unit				
1. MATERIAL NOT REGULATED BY THE D.O.T., (CANOLA OIL	No.	Туре	Quantity	Wt./Vol.	1	1	2.0	
IMPACTED SOIL)	l	СМ	22	т	13 2			
2.						-	-	17
3,				-			Ť	
4.				-				_
		× .			1 - n. I			
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully an marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable interr Generator stDfferor's Printed/Typed Name Signature	d accurately desinational and natio	cribed above onal governet	By the proper si ental regulation	hipping name s.		classified Month	Day	Yea
15. International Shipments Import to U.S. Export from U.S.	Port of ent		0			2	12	25
Transporter Signature (for exports only):	Date leave		1					
16. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Signature	-	~/	1			Month	Day	Yea
Steven O Spiker Transporter 2 Printed Typed Name Signature	-	J				2 Month	12 Day	Z Yea
17. Discrepancy								1
17a. Discrepancy Indication Space Quantity Type	Residue		Partial Re	ejection		F	ull Reject	on
17b. Alternate Facility (or Generator)	ifest Reference N	lumber:	U.S. EPA ID	Number				
Facility's Phone:			1					
17c. Signature of Alternate Facility (or Generator)					Ĩ	Month	Day	Yea
		1	11	1	192			2
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted Protect typed Name Signature	in Item 17a	1	M	/	1	Meath	Day	Yea

TE						CELL		
	velt	Landfill 509-384-5641		SITE01 TICKE	14707	CELL		
500 R	oosev	elt Grade Road -Roosevelt, WA		WEIGHMASTER	Danielle	с.		
ISTOMER	90421			DATE/TIME IN 2	/17/25 9:57	am DATE/TIME	0UT 17/25 10	0.47 am
NRC Environmental Services Inc.				VEHICLE		CONTAINE		o.ir din
		unrise Highway			US ECOLOGY			
		River, NY 11739 B-1810 PO:6675-79629	2 °	REFERENCE	22242 REPUBLI	C SERVICES		
CONCI	act.1	B-1810 F0.0075 75025		BILL OF LADING)			
		LE IN GROSS WEIGHT 88,300 E OUT TARE WEIGHT 44,340		21.98 3,960			INBOUND INVOICE	
QTY.	UNIT	DESC	RIPTION		RATE EXT	TENSION	TAX	TOTAL
0.00	YD tn	Tracking QTY PCS 34 Origin:	Pasco 100%		Bir	* PB	408	5.
			P216.10	0149-C	15 .			
THIS IS	TOCE	RTIFY that the following described commodity	was weighed measured	or counted by a				
weighma	aster, wi	hose signature is on this certificate, who is a r	ecognized authority of ac	curacy, as prescribed				NET AMOUNT
INBOUN	D - SC	0 RCW administered by the Washington State ALE INDICATOR B337755370 E-seal #2002 SCALE INDICATOR 56656605KM E-seal #201		e. Cannon	ρ		-	TENDERED
Th	e undersl	gned individual signing this document on behalf of	Customer acknowledges that h	e or she has read and u	nderstands the terms an	d conditions		CHANGE
- on	the rever	se side and that he or she has the authority to sign t	his document on behalf of the	customer, 👷	1			CHECK#
S-F042UI	PR (04/1	9)	SIGNATU	REt	K			
							4	

Analytical Data

Report of Activities ER to Canola Oil based Bio-Diesel Spill Prepared by Republic Services February 18, 2025





Libby Environmental, Inc.

3322 South Bay Road NE • Olympia, WA 98506-2957 Phone (360) 352-2110 • libbyenv@gmail.com

February 05, 2025

Alicia Baker NRC - Republic Services 1810 E James Street Pasco, WA 99301

RE: Pasco Yard - B100 Canola Bassed Biodiesel Work Order Number: L25B006

Enclosed are the results of analyses for samples received by our laboratory on 2/4/2025.

Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of within 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please feel free to contact us. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

y 2 Mint J

Sherry Chilcutt Senior Chemist

Page 1 of 16

Libby Environme 3322 South Bay Road NE, Olymp				onun		-4510	dy Re		•						Environmental. ione: 360-352-2
Client: REPUBLIC SERVI	CES / US ECO	LOGY			_	Date:	1/30/20	25					Page	a: 1	of 1
Address: 1810 E JAMES ST					_	Project	t Manager.	-	ALICIA	BAK	R		_		
City: PASCO,		State:	WA Zip:	99301	_	Project	t Name:	PAS	CO YAF	RD - E	3100	CANO	ABAS	SED B	ODIESEL
Phone: 509-378-2628		Fax:				Locatio	on: 18*	OEJ	AMES S	т		C	ity, Sta	te PASC	O, WA
Client Project # PO# P216.	10143-85205					Email:	ABAKER	@REP	UBLICS	RVIC	ES.CC	M			
Sample Number	Date of Collection	Time	Sample Type	Container Type	10-8	80 50000	STO STOR	NCO STORE	51 D1 51 D1 51 B1 51 D1 51 D15	ATP ST BE	o John Sta	510 48 5 5 48	al Helal		Depth / Field Notes
1 PY - INITIAL SAMPLE	1/30/2025		80Z	GLASS JAR			X								SURFACE
2 PY - 1 -BOTTOM	1/30/2025		80Z	GLASS JAR			X								12" Depth
3 PY - 2 -SW	1/30/2025		80Z	GLASS JAR			X								8" Depth
4 PY - 3 - BOTTOM	1/30/2025		80Z	GLASS JAR			X								11" Depth
5 PY - 4 - BOTTOM	1/30/2025		80Z	GLASS JAR			X			T					10" Depth
6 PY - 5 - SW	1/30/2025		80Z	GLASS JAR			X								6" Depth
7 PY - 6 - SW	1/30/2025		2-4oz	GLASS JAR			X								7" Depth
8 PY - 7 -BOTTOM	1/30/2025		2-4oz	GLASS JAR			X								12" Depth
9 PY - 8 - SW	1/30/2025		2-4oz	GLASS JAR			X								8" Depth
10															
11															
12															
13															
14															
15															
16															
17															
18													T		
19										T					
20															
20] Refinquished by: ALICIA BAKER Relinquished by:	2	01/31/2025	10:00AM	Received by:	these,	,		24	f(25	Date /	015	XTRA 4	OZ JARS	S ARE XT	RETURN COOL RA MATERIALS



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Notes and Definitions

Item Definition

D	Dilution was required.
RL	Reporting Limit
ND	Analyte NOT DETECTED at or above the reporting limit
DET	Analyte DETECTED at or above the reporting limit
Qual	Qualifier
	All results reported on an "as received" basis unless indicated by "Dry"
RPD	Relative Percent Difference
%REC	Percent Recovery
Parent	Sample that was matrix spiked or duplicated

Work Order Sample Summary

Lab ID	Sample	Matrix	Date Sampled	Date Received
L25B006-01	PY - INITIAL SAMPLE	Soil	01/30/2025	02/04/2025
L25B006-02	PY - 1 - BOTTOM	Soil	01/30/2025	02/04/2025
L25B006-03	PY - 2 - SW	Soil	01/30/2025	02/04/2025
L25B006-04	PY - 3 - BOTTOM	Soil	01/30/2025	02/04/2025
L25B006-05	PY - 4 - BOTTOM	Soil	01/30/2025	02/04/2025
L25B006-06	PY - 5 - SW	Soil	01/30/2025	02/04/2025
L25B006-07	PY - 6 - SW	Soil	01/30/2025	02/04/2025
L25B006-08	PY - 7 - BOTTOM	Soil	01/30/2025	02/04/2025
L25B006-09	PY - 8 - SW	Soil	01/30/2025	02/04/2025

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 3 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Libby Environmental Sample Detection Summary

Analyte	Result	Qual	Units	RL	Method
Sample: PY - INITIAL SAMPLE			Lab#: L25B00	6-01	
Diesel	24000	D	mg/kg dry	2600	NWTPH-Dx/Dx
Oil	280		mg/kg dry	260	NWTPH-Dx/Dx
Sample: PY - 1 - BOTTOM			Lab#: L25B00	6-02	
Diesel	98		mg/kg dry	54	NWTPH-Dx/Dx
Sample: PY - 3 - BOTTOM			Lab#: L25B00	6-04	
Diesel	640		mg/kg dry	52	NWTPH-Dx/Dx
Sample: PY - 4 - BOTTOM			Lab#: L25B00	6-05	
Diesel	1200	D	mg/kg dry	100	NWTPH-Dx/Dx
Sample: PY - 6 - SW			Lab#: L25B00	6-07	
Diesel	200		mg/kg dry	52	NWTPH-Dx/Dx
Sample: PY - 7 - BOTTOM			Lab#: L25B00	6-08	
Diesel	350	D	mg/kg dry	100	NWTPH-Dx/Dx

Note: If no entry is made, then no target compounds were detected.

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 4 of 16



1810 E James Street Pasco, WA 99301	Project Number: P216.10143 Project Manager: Alicia Baker Sample Results	Work Order: L258006 Reported: 02/05/2025 10:51
NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA

Client Sample ID: PY - INITIAL SAMPLE

Lab ID: L25B006-01 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	24000	D	2600	mg/kg dry	02/04/2025	MF
Oil	280		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	112%		38.9 - 154		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	3.1		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 5 of 16



Libby Environmental, Inc.

NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51
L		

Sample Results (Continued)

Client Sample ID: PY - 1 - BOTTOM

Lab ID: L25B006-02 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	98		54	mg/kg dry	02/04/2025	MF
Oil	ND		270	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	65.5%		38.9 - 154		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	7.6		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(5) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 6 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Sample Results (Continued)

Client Sample ID: PY - 2 - SW

Lab ID: L25B006-03 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		52	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	63.8%		<i>38.9-154</i>		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	3.9		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 7 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51
L		

Sample Results (Continued)

Client Sample ID: PY - 3 - BOTTOM

Lab ID: L25B006-04 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	640		52	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	70.4%		38.9 - 154		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	3.8		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 8 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Sample Results (Continued)

Client Sample ID: PY - 4 - BOTTOM

Lab ID: L25B006-05 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	1200	D	100	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	66.7%		<i>38.9-154</i>	4	02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	3.3		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 9 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Sample Results (Continued)

Client Sample ID: PY - 5 - SW

Lab ID: L25B006-06 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		54	mg/kg dry	02/04/2025	MF
Oil	ND		270	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	64.1%		38.9-154		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	8.2		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 10 of 16



Sample Results (Continued)						
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51				
1810 E James Street	Work Order: L25B006					
NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA				

Client Sample ID: PY - 6 - SW

Lab ID: L25B006-07 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	200		52	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	64.7%		<i>38.9-154</i>		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	3.7		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 11 of 16



1810 E James Street Pasco, WA 99301	Project Number: P216.10143 Project Manager: Alicia Baker Sample Results (Continued)	Work Order: L25B006 Reported: 02/05/2025 10:51	
NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA	

Client Sample ID: PY - 7 - BOTTOM

Lab ID: L25B006-08 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	350	D	100	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	107%		<i>38.9-154</i>		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	4.6		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 12 of 16



NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Sample Results (Continued)

Client Sample ID: PY - 8 - SW

Lab ID: L25B006-09 (Soil)

Analyte	Result	Qual	RL	Units	Date Analyzed	Analyst Initials
Diesel and Oil by NWTPH-Dx/Dx						
Diesel	ND		52	mg/kg dry	02/04/2025	MF
Oil	ND		260	mg/kg dry	02/04/2025	MF
Surrogate: 2-FBP	66.4%		<i>38.9-154</i>		02/04/2025	MF
Moisture by ASTM D2216-19						
Moisture	4.7		0.50	%	02/04/2025	JC

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 13 of 16



Libby Environmental, Inc.

NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel	City/State: Pasco, WA
1810 E James Street	Project Number: P216.10143	Work Order: L25B006
Pasco, WA 99301	Project Manager: Alicia Baker	Reported: 02/05/2025 10:51

Quality Control

Diesel and Oil by NWTPH-Dx/Dx

						Spike	Source		%REC		RPD
Analyte		Result	Qual	RL	Units	Level	Result	%REC	Limits	RPD	Limit
Batch:	BZB0009 - Extraction										
Blank (BZB0009-BLK1)					Prepar	ed & Analyzed:	2/4/2025			
Diesel		ND		50	mg/kg wet						
Oil		ND		250	mg/kg wet						
	Surrogate; 2-FBP			13.4	ug/mL	20.0		67.1	38.9-154		
LCS (BZ	LCS (BZB0009-BS1) Prepared & Analyzed: 2/4/2025										
Diesel		98.2		50	mg/kg wet	100		98.2	52-159		
	Surrogate: 2-FBP			15.9	ug/mL	20.0		79.4	38.9-154		
Duplica	te (BZB0009-DUP1)		Parent:	L25B006-09		Prepar	ed & Analyzed:	2/4/2025			
Diesel		ND		52	mg/kg dry		ND				35
Oil		ND		260	mg/kg dry		ND				35
	Surrogate: 2-FBP			13.6	ug/mL	20.0		68.1	38.9-154		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 14 of 16

THE REAL	Libby Environmental, Inc.	
NRC - Republic Services	Project: Pasco Yard - B100 Canola Bassed Biodiesel Project Number: P216 10143	Cit

NRC - Republic Services 1810 E James Street Pasco, WA 99301	Project: Pasco Yard - B100 Canola Bassed Biodiesel Project Number: P216.10143 Project Manager: Alicia Baker					City/State: Pasco, WA Work Order: L25B006 Reported: 02/05/2025 10:51				
Quality Control (Continued)										
Moisture by ASTM D2216-19 Analyte	Result	Qual	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BZB0008 - Gen Chem LCS (BZB0008-BS1) Moisture	18			%	Prepa 17.0	ired & Analyze	d: 2/4/2025 104	90-115		

The contents of this report apply to the sample(5) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Page 15 of 16

Pasco Yard - B100 Canola Bassed Biodiesel Project Northern Environmental, LLC Libby Work Order # L25B006 Date Received 2/4/2025 Time Received 10:15 AM 3322 South Bay Road NE Olympia, WA 98506 Phone: (360) 352-2110 FAX: (360) 352-4154 Email: libbyenv@gmail.com

Received By JC

Sample Receipt Checklist

Chain of Custody			
1. Is the Chain of Custody is complete?	✓ Yes	No	
2. How was the sample delivered?	Hand Delivered	Picked Up	✓ Shipped
Log In			
3. Cooler or Shipping Container is present.	✓ Yes	No No	□ N/A
4. Cooler or Shipping Container is in good condition.	✓ Yes	No	□ N/A
5. Cooler or Shipping Container has Custody Seals present.	Yes	✓ No	□ N/A
6. Was an attempt made to cool the samples?	✓ Yes	No	□ N/A
7. Temperature of cooler (0°C to 8°C recommended)	10.5	°C	
8. Temperature of sample(s) (0°C to 8°C recommended)	11.7	°C	
9. Did all containers arrive in good condition (unbroken)?	✓ Yes	No	
10. Is it clear what analyses were requested?	✓ Yes	No	
11. Did container labels match Chain of Custody?	✓ Yes	No	
12. Are matrices correctly identified on Chain of Custody?	✓ Yes	No	
13. Are correct containers used for the analysis indicated?	✓ Yes	No	
14. Is there sufficient sample volume for indicated analysis?	✓ Yes	No	
15. Were all containers properly preserved per each analysis?	✓ Yes	No	
16. Were VOA vials collected correctly (no headspace)?	Yes	No	✓ N/A
17. Were all holding times able to be met?	✓ Yes	No	
Discrepancies/ Notes			
18. Was client notified of all discrepancies?	Yes	No	✓ N/A
Person Notified:		Date	:
By Whom:		Via	:
Regarding:			
19. Comments.			

Page 16 of 16