

Fields, Vanessa, EMNRD

From: Lindsay Dumas <ldumas@hilcorp.com>
Sent: Tuesday, February 12, 2019 3:28 PM
To: Fields, Vanessa, EMNRD
Cc: Billings, Bradford, EMNRD; Powell, Brandon, EMNRD; Smith, Cory, EMNRD; McNally, Elizabeth; Matt Henderson
Subject: RE: [EXT] RE: [EXTERNAL] Conditions of Approval for SJ 28-6 #031 meeting January 30, 2019
Attachments: Figure 3 SJ 28-6 #31 Proposed Boring Map 020619REV2.pdf

Vanessa – Per our phone conversation, please see the revised soil boring map with the addition of SB-29 (south of SB-5R/SB-5). Let me know if you have any other questions. Thanks!

Kind regards,

Lindsay Dumas
Environmental Specialist
Hilcorp Energy – L48 West
Office: 832-839-4585
Mobile: 281-794-9159

From: Lindsay Dumas
Sent: Tuesday, February 12, 2019 2:55 PM
To: 'Fields, Vanessa, EMNRD' <Vanessa.Fields@state.nm.us>
Cc: Billings, Bradford, EMNRD <Bradford.Billings@state.nm.us>; Powell, Brandon, EMNRD <Brandon.Powell@state.nm.us>; Smith, Cory, EMNRD <Cory.Smith@state.nm.us>; McNally, Elizabeth <emcnally@animasenvironmental.com>; Matt Henderson <mhenderson@hilcorp.com>
Subject: RE: [EXT] RE: [EXTERNAL] Conditions of Approval for SJ 28-6 #031 meeting January 30, 2019

Vanessa – Please find attached Hilcorp's plan for further delineation, all facilities have been permanently moved. The work is scheduled for 2/14/19 beginning at 9am. Please let me know if you have any questions or concerns on soil boring locations.

Kind regards,

Lindsay Dumas
Environmental Specialist
Hilcorp Energy – L48 West
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Mobile: 281-794-9159

Laboratory Analytical Results								
Sample ID	Date	Depth (ft)	PID - OVM	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-MRO (mg/kg)
NMOCD ACTION LEVEL			--	10	50	1,000		--
						2,500		
SB-1	5/31/18	3	5.4	0.000844	0.004214	<0.112	<4.47	<4.47
		7	0.0	0.00145	0.020007	<0.114	<4.58	<4.58
SB-2	5/31/18	7	0.0	0.000724	0.000724	<0.115	<4.59	<4.59
SB-3	5/31/18	1	30.5	0.00115	0.00719	<0.114	<4.55	<4.55
		7.5	0.0	0.00795	0.06461	<0.116	<4.64	<4.64
SB-4	5/31/18	8.5	2,508	2.26	51.25	626	60.9	<4.70
SB-4R	12/5/18	8	3,232	0.268	2.3183	11.2	46.1	
		12	3,044	5.45	207.15	3,940	251	
SB-5	5/31/18	11.75	2,745	3.02	72.68	1,050	132	<4.36
SB-5R	12/5/18	8.5	4.4	0.00427	0.01657	0.180	<4.00	
		13	2,799	10.8	381.9	6,020	423	
SB-6	5/31/18	11	2,440	5.84	183.94	2,120	331	<4.37
SB-6R	12/5/18	8	188	0.0151	0.4797	23.8	9.93	
		12	4,247	8.70	381.5	6,970	385	
SB-7	6/27/18	25	202.6	0.00101	0.004759	0.247	14.2	<4.00
SB-7R	12/5/18	8	1.3	<0.000500	<0.0075	<0.100	<4.00	
		12	282.1	0.00593	0.0696	3.41	<4.00	
SB-8	6/27/18	15	2,196	0.417	4.946	362	82.6	<4.00
SB-8R	12/5/18	4	509	0.0520	1.546	65.7	9.84	
		12	2,969	6.09	242.89	4,250	277	
SB-9	6/27/18	10	629.4	<0.000500	0.008139	0.700	<4.00	<4.00
SB-10	6/27/18	10	1,938	19.6	630.6	10,800	1,330	6.67
		25	615.1	<0.500	143.5	1,860	15.7	<4.00
SB-11	6/27/18	10	35.2	0.000664	0.014115	0.119	<4.00	<4.00
SB-12	6/27/18	10	2,482	4.12	232.92	4,970	372	<4.00
		25	31.5	0.519	23.949	625	11.4	<4.00
SB-13	6/27/18	10	2,157	1.65	154.24	3,270	813	<1.00
		25	360.9	<0.500	46.16	1,020	6.49	<4.00
SB-14	6/27/18	10	2,173	5.82	342.12	5,810	932	<4.00
		25	51.0	<0.500	77.38	1,240	10.4	<4.00
SB-15	6/27/18	10	1,550	4.05	364.75	6,130	877	<4.00
		25	205.6	<0.500	109.26	1,800	4.19	<4.00
SB-16	8/22/18	12	60.8	<0.000500	0.00176	0.325	6.00	<4.00
		20	33.9	0.000586	0.000586	<0.100	10.0	<4.00
SB-17	8/22/18	15	0.7	<0.000500	<0.007500	<0.100	<4.00	<4.00
		25	NR	<0.000500	<0.007500	<0.100	10.4	<4.00
SB-18	8/22/18	15	14.0	<0.000500	0.003209	0.182	10.7	<4.00
		25	9.3	<0.000500	<0.007500	<0.100	5.47	<4.00
SB-19	10/2/18	30	43.7	0.000670	0.000670	<0.100	50.5	10.3
SB-20	10/8/18	30	135	0.000841	0.008052	0.278	32.5	5.95
SB-21	10/8/18	30	505	0.00102	0.02874	1.42	15.4	<4.00
SB-22	10/2/18	10	0.0	0.000591	0.001105	<0.100	<4.00	<4.00
		25	25.9	0.000842	0.002572	<0.100	120	26.5
SB-23	8/22/18	15	1,100	0.562	3.162	825	81.1	<4.00
		30	325.5	0.000883	0.027552	0.988	15.8	<4.00
SB-24	12/5/18	8	4,750	30.3	1,226.3	20,200	41.6	
		12	4,594	29.8	1,091.1	15,500	1,710	
Samples were analyzed per USEPA Method 8021 and 8015.								

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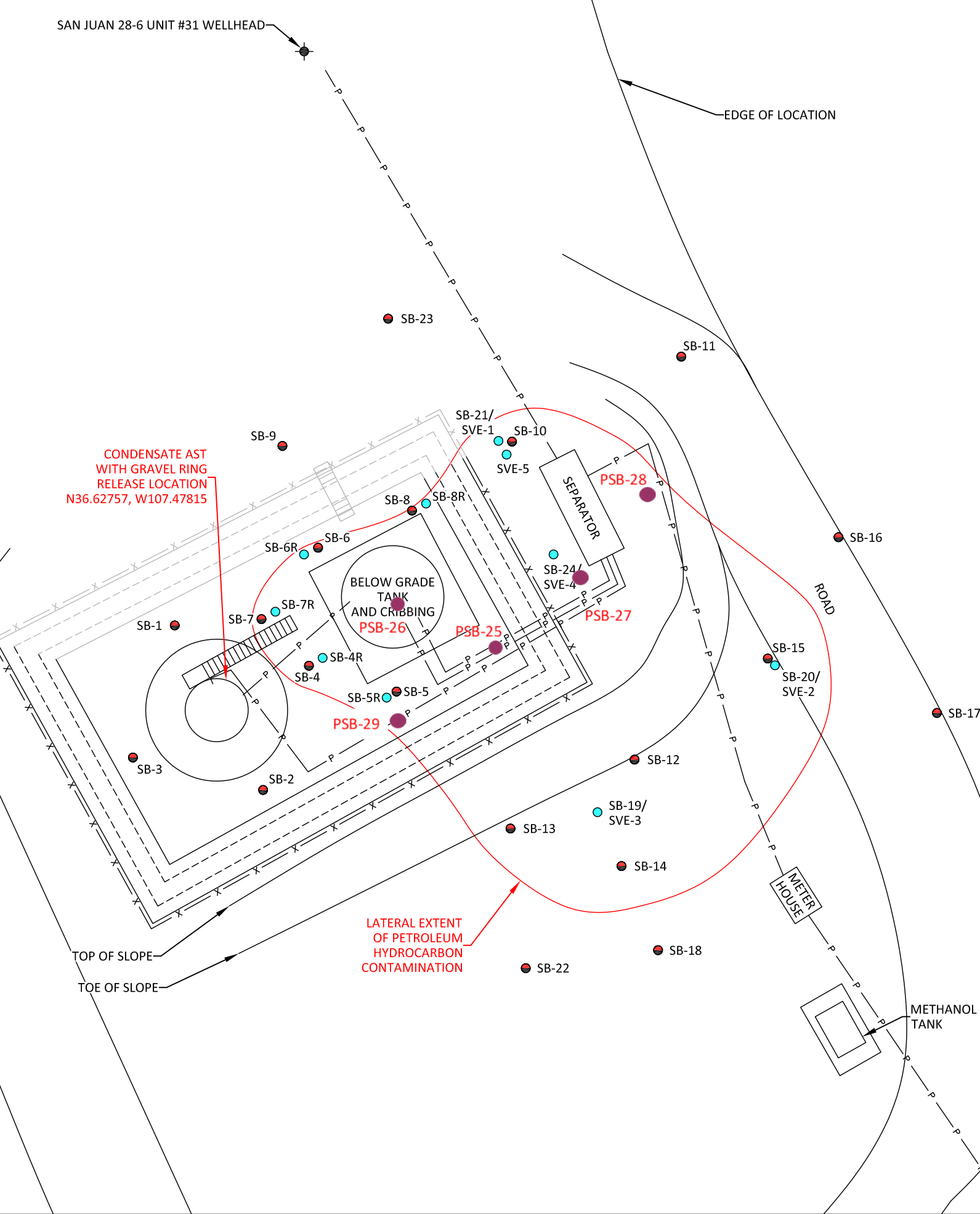


FIGURE 3

RELEASE ASSESSMENT AND SITE
DELINEATION SAMPLE LOCATIONS
AND RESULTS MAY, JUNE,
AUGUST, OCTOBER,
AND DECEMBER 2018

HILCORP ENERGY
SAN JUAN 28-6 UNIT #31
API:30-039-07290
INCIDENT NO. NVF 1816655680
SW¼ SW¼, SECTION 28, T28N, R6W
RIO ARRIBA COUNTY, NEW MEXICO
N36.62780, W107.47811



animas
environmental
services
Farmington, NM • Durango, CO
animasenvironmental.com

DRAWN BY:
C. Lameman

DATE DRAWN:
June 6, 2018

REVISIONS BY:
C. Lameman

DATE REVISED:
December 10, 2018

CHECKED BY:
E. McNally

DATE CHECKED:
December 10, 2018

APPROVED BY:
E. McNally

DATE APPROVED:
December 10, 2018

LEGEND

- Red dot: SOIL BORING SAMPLE LOCATION
- Blue dot: SVE WELL AND SOIL BORING SAMPLE LOCATION
- Dashed line: SECONDARY CONTAINMENT
- Line with 'x': BERM
- Line with 'x': FENCE
- Line with 'p': APPROXIMATE PIPELINE

NOTE:

DEPTH LAYERS ARE AVERAGED AND APPROXIMATE.
SAND LAYER FROM SURFACE TO 10 FEET;
CLAYEY SAND FROM 10 TO 15 FEET;
WEATHERED SANDSTONE FROM 15 TO 25 FEET.
NO GROUNDWATER WAS ENCOUNTERED.

