

From: [Yu, Olivia, EMNRD](#)
To: ["zach.robbins@rxsoil.solutions"](#); [tpassmore@mar-win.com](#); [Hernandez, Christina, EMNRD](#)
Cc: [rmann@slo.state.nm.us](#); ["Jace Caraway"](#)
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request
Date: Tuesday, June 5, 2018 7:29:00 AM

Good morning Mr. Robbins:

Acknowledged. Like approval from NMSLO required.

Thanks,
Olivia

From: zach.robbins@rxsoil.solutions <zach.robbins@rxsoil.solutions>
Sent: Monday, June 4, 2018 4:56 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; tpassmore@mar-win.com; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request

Ms. Yu,

Thank you for your review.

1. We are adding two boreholes to be in compliance with the requests. The approximate locations can be seen in the attached map. These locations will be finalized in the delineation report included in the work plan. The first four boreholes will be taken tomorrow (6/5/18). The two new boreholes requested will be taken once the new one-call clears.
2. We are drilling with 3.25" i.d. hollow stem augers, which makes a nominal 6 inch boring. Undisturbed soil samples collection is via a 2' split spoon driven in front of the auger on five foot centers or as directed by the RXSoil person onsite. Spoon is driven using a 140 lb SPT drop hammer.
3. Samples will be no greater than 5 ft. intervals in depth and laboratory analyzed. Field data will also be provided.
4. Photos will be taken and submitted.
5. A proposed remediation Work Plan will be submitted upon completion of delineation and release characterization.

Thank you again for your time.

Best,
Zach

Zach Robbins | Technical and Engineering Analyst | RXSoil, Inc.
Cell: 210-400-7645 | zach.robbins@rxsoil.solutions

From: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Sent: Monday, June 4, 2018 4:46 PM
To: zach.robbins@rxsoil.solutions; tpassmore@mar-win.com; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request

Mr. Robbins:

Thank you for the additional information. NMSLO and NMOCD have conferred and agreed on the below points regarding the proposed delineation work for 1RP-5047, 1RP-5065, and 1RP-5066.

1. Two additional soil borehole locations are required to complete vertical delineation: 1 to represent the eastern portion of the impacted area and 1 in the southern portion.
2. Please provide what type of soil borer will be used.
3. Soil samples- no greater than 5 ft. interval in depth- from the boreholes must be laboratory analyzed. Field data to be provided in conjunction with laboratory analyses.
4. Dated photo documentation of the release areas and delineation process.
5. Please be advised that proposed remediation will be addressed after delineation/release characterization is completed.

NMSLO may have additional concerns and stipulations.

Please confirm or inform for clarifications.

Thanks,
Olivia

From: zach.robbins@rxsoil.solutions <zach.robbins@rxsoil.solutions>
Sent: Monday, June 4, 2018 3:12 PM
To: tpassmore@mar-win.com; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request

Olivia,

Per a phone call today with Todd Passmore, a few additional items were requested from District 1.

RXSoil will have personnel on site during all delineation work.

Kmz files are attached of the spill map and borehole locations.

Bore logs will be created for each borehole using USCS from drilling/engineering personnel of Atkins Engineering Associates out of Roswell, NM.

Delineation is scheduled for four (4) boreholes, as shown in the previous emails. After referring to our drilling company, it would be unsafe to deviate too far from the specified boreholes in case the One Call was not done exactly to a 50' radius. It is safer to stay as close as possible to the current markings. All edges of the spill will have sidewall and bottom samples to confirm delineation during excavation.

Horizontal delineation will be done during excavation. The spill map provided is a walk-through recorded around the time of the spill of affected areas. This will be used as a guide for excavation. Sidewall samples will be collected with a decontaminated (per *Field Equipment Cleaning and Decontamination* (EPA, 2015)) stainless steel hand shovel, in no greater than 50' intervals. All samples will be carefully transferred directly from sampling equipment to glass jars (supplied by certified laboratory). The threads on all jars will be wiped clean to allow an air-tight seal. Samples will be placed on ice and transferred to a third-party laboratory within 48 hours (per ASTM Standard Guide for Sampling Waste and Soils for Volatile Organic Compounds). All samples will be tested for chlorides (Method 300.0), TPH (Method 8015M) and BTEX (Method 8021B) at a certified third-party laboratory.

Bottom samples of all excavated areas will also be collected and sampled in the same manner.

All sample locations will be recorded via GPS and demarcated on a scaled map in the closure report.

Please reach out to me at 210-400-7645 or at zach.robbins@rxsoil.solutions if you have any further questions.

Thank you,
Zach

Zach Robbins I Technical and Engineering Analyst I RXSoil, Inc.
Cell: 210-400-7645 | zach.robbins@rxsoil.solutions

From: Todd Passmore <tpassmore@mar-win.com>
Sent: Monday, June 4, 2018 2:31 PM
To: zach.robbins@rxsoil.solutions; 'Yu, Olivia, EMNRD' <Olivia.Yu@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request

Olivia,

We are planning on starting delineation tomorrow. Please let me know if you have any questions or concerns. We would like to get this started asap.

Thank you,

Todd Passmore

Marshall & Winston Inc.

From: zach.robbins@rxsoil.solutions <zach.robbins@rxsoil.solutions>
Sent: Friday, June 1, 2018 1:28 PM
To: 'Yu, Olivia, EMNRD' <Olivia.Yu@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>; 'Todd Passmore' <tpassmore@mar-win.com>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5066 - Delineation Request

Good afternoon Ms. Yu,

The following spills occurred on Slick Mesa State 27-1H (API #30-025-30587):

1RP-5047 – 5/6/18
1RP-5065 – 5/16/18
1RP-5066 – 5/19/18

C-141s are attached.

A delineation plan was approved prior to the second and third releases. That report is attached.

RXSoil is requesting approval for an updated delineation.

A drilling rig will be used to drill boreholes for vertical delineation. These borehole locations were selected based on low points, approximate point of release and farthest away from the release.

RXSoil is proposing vertical delineation on the following boreholes (see attached figure):

BH#1 32°28'47.67"N 103°25'30.77"W
BH#2 32°28'47.58"N 103°25'29.52"W
BH#3 32°28'46.61"N 103°25'29.80"W
BH#4 32°28'48.00"N 103°25'28.46"W

Vertical delineation will be guided by field screenings. Vertical delineation at each borehole will continue until 10' of clean soil (below 600 ppm chlorides) is encountered, as evident by field screenings with samples at depth intervals no greater than 5'.

All samples will be carefully transferred directly from sampling equipment to glass jars (supplied by certified laboratory). The threads on all jars will be wiped clean to allow an air-tight seal. Samples will be placed on ice and transferred to a third-party laboratory within 48 hours (per ASTM Standard Guide for Sampling Waste and Soils for Volatile Organic Compounds). All samples will be tested for chlorides (Method 300.0), TPH (Method 8015M) and BTEX (Method 8021B) at a certified third-party laboratory.

A full summary of results (including scaled maps, field screenings and lab reports) and the proposed remediation plan will be submitted in the Work Plan.

Horizontal delineation (sidewall and bottom samples, further described in Work Plan) will be completed during excavation.

Currently, we have drilling scheduled for Tuesday, June 5.

Please reach out with any questions or comments. Thank you.

Best,
Zach

Zach Robbins | Technical and Engineering Analyst | RXSoil, Inc.

Cell: 210-400-7645 | zach.robbins@rxsoil.solutions

From: zach.robbins@rxsoil.solutions <zach.robbins@rxsoil.solutions>

Sent: Tuesday, May 29, 2018 11:49 AM

To: 'Yu, Olivia, EMNRD' <Olivia.Yu@state.nm.us>

Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>; Todd Passmore <tpassmore@mar-win.com>

Subject: 1RP-5047, 1RP-5065, 1RP-5069

Good morning Ms. Yu,

RXSoil is currently forming a work plan and a delineation schedule for the above referenced releases.

Thank you,
Zach

Zach Robbins | Technical and Engineering Analyst | RXSoil, Inc.

201 Main Street, Suite 1360, Fort Worth, Texas 76102

Cell: 210-400-7645

zach.robbins@rxsoil.solutions

From: Todd Passmore
To: [Yu, Olivia, EMNRD](mailto:Yu,Olivia,EMNRD)
Cc: rmann@slo.state.nm.us; [Hernandez, Christina, EMNRD](mailto:Hernandez,Christina,EMNRD)
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5069
Date: Friday, June 1, 2018 9:36:22 AM

I believe they will be submitting a separate plan for delineation. I will check their status and report back to you. They were out there yesterday surveying the entire area.

BCC will complete the 1RP-5069 project.

Thank you,

Todd Passmore
Marshall & Winston Inc.

From: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Sent: Friday, June 1, 2018 10:01 AM
To: tpassmore@mar-win.com
Cc: rmann@slo.state.nm.us; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5069

Good morning Mr. Passmore:

Please note that Rx Soil has only conducted 1 remediation project thus far in District I. There is no prior information about their delineation process. Will Rx Soil be submitting a revised delineation proposal to include 1RP-5065 and 1RP-5069? The approved proposed delineation plan from BCC, Inc was only for 1RP-5047.

Thanks,
Olivia

From: Todd Passmore <tpassmore@mar-win.com>
Sent: Friday, June 1, 2018 8:04 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: rmann@slo.state.nm.us; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5069

Olivia,

Thank you for the email. In regards to 1RP-5047 I do show a delineation approval date of 5-11 and we had it scheduled for the following week. On 5-16 the 1RP-5065 release occurred, which pooled in the same area as the 1RP-5047 release. Due to the second release we decided to wait and attempt to delineate the entire area at once. Then on 5-19 the fire came through the area and 1RP-5066 was reported.

Our insurance company noted they have had success with Rx Soil and would like to have them bid on the job. I visited with Rx Soil and they informed me they have had success obtaining state approval for clean up throughout NM. I recall our conversation about them last week, and I informed Rx Soil they would have to get approval from NMOCD and the SLO. Rx Soil would like to delineate the area next week and put together a remediation proposal to be submitted to you for approval.

I would like to seek approval to have Rx Soil delineate these releases at once and promptly schedule remediation work.

What do you need from Rx Soil to approve them for the delineation & remediation?

Thank you,

Todd Passmore
Marshall & Winston Inc.

From: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Sent: Thursday, May 31, 2018 5:12 PM
To: Todd Passmore <tpassmore@mar-win.com>
Cc: rmann@slo.state.nm.us; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Subject: RE: 1RP-5047, 1RP-5065, 1RP-5069

Mr. Passmore:

NMOCD and NMSLO approved the proposed delineation plan for 1RP-5047 from BCC, Inc on March 11 and 14, respectively. Please clarify if the environmental consultant changed for addressing this release and included the impacted areas under 1RP-5065 and 1RP-5069.

Thanks,
Olivia

From: zach.robbins@rxsoil.solutions <zach.robbins@rxsoil.solutions>
Sent: Tuesday, May 29, 2018 10:49 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: rmann@slo.state.nm.us; 'Jace Caraway' <jace.caraway@rxsoil.solutions>; Todd Passmore <tpassmore@mar-win.com>
Subject: 1RP-5047, 1RP-5065, 1RP-5069

Good morning Ms. Yu,

RXSoil is currently forming a work plan and a delineation schedule for the above referenced releases.

Thank you,
Zach

Zach Robbins | Technical and Engineering Analyst | RXSoil, Inc.

201 Main Street, Suite 1360, Fort Worth, Texas 76102

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zach.robbs@rxsoil.solutions