

AFCEE Galena Triad Meeting No. 7

ATTENDEES: See Attached
FROM: CH2M HILL
DATE: September 13, 2011

The Galena Triad meeting/teleconference was attended by members of the Air Force, ADEC, ADOT, CH2M HILL, and Booz Allen Hamilton. Please see the attached **Galena Triad Team Contact List** for attendees.

The meeting followed the standard agenda setup for the Galena Triad calls.

Agenda:

1. Safety moment
2. Status update for field work activities
3. Review of action items and conclusions from previous Triad meeting. Approval of minutes
4. Discussion of new site data and evaluating progress toward Work Plan objectives
5. Identifying additional work needed and/or concurrence that Work Plan objectives have been met
6. Open discussion of other items
7. Schedule update for upcoming activities

Safety Moment

Kate noted that the weather is getting colder here in Alaska and all drivers should be aware of potential for black ice areas on their daily commutes.

Status Update of Field Work Activities

The field status excel file was presented and Ronnie briefed that following field highlights:

- Field team has transitioned to night time drilling while the runway is closed (10pm to 6am).
 - o DPT Team 1 working at FT001
 - o DPT Team 2 working at B408 and OAP sample locations in the airfield
 - o Hollow stem auger rig is continuing monitoring well installations
- Groundwater sampling teams 1 and 2 have started the fall groundwater sampling event. Fred re-iterated that the team needs to slow the pumps down to prevent air bubbles and ensure the integrity of the VOC sample results. Ronnie and Melissa, the field team leads, stated that they would address this issue with sampling teams again.
- Colette asked if location ST005-GP094 was going to be drilled in the ski strip runway surface. Kate clarified that it would be drilled south of the ski strip and Ronny and Melissa confirmed that they knew the ski strip location and would mark the sample location for drilling off the ski strip.
- Excavation at SS017 continues.

- The wells are scheduled to be installed at Ms. Thurmond's residence.

Review of Action Items, Approval of Minutes

The minutes from Triad No 6 on 8-16-11 were not available to review for approval. They will be posted for review as soon as possible.

New Site Data and Evaluating Progress toward Work Plan Objectives

Initial Round CG001/CG002

Twenty four sample locations were identified in the FSP for CG001 and CG002 and nineteen of the locations have hydrocarbon data available. The plan view and cross section of available hydrocarbon results were presented and no additional sampling was proposed to complete vertical delineation in the source area. Available pesticide sample results around the tank with pesticide-contaminated soil indicated no pesticides were detected above screening levels.

- Agreed that it appears that no additional sampling for vertical delineation is required in the source area based on the data presented at this time; ready to move to reporting phase.

Continuing delineation of the lateral extent of contamination to the north of GP023 was considered but is not feasible due to the swampy terrain immediately north of GP023.

Continued delineation of the lateral extent of contamination to the north of GP024 was discussed. The sewage treatment plant is to the immediate east of GP024 and limits stepouts in that direction.

- Three stepout sample locations were agreed to the north of GP024

Sample locations GP008 through GP011 were focused on the presence/absence of contamination from former Tank 43 drain line. This area is also the location of a portion of the OAP. The samples in this area exceeded the screening levels and indicate a possible point source contamination near GP011 (the end of the drain line). Daphne pointed out that hand auger samples were collected in the ditch downgradient from the end of drain pipe and those results were not above screening levels.

- No decision on need for stepout sampling was made for this area. A cross section and historic data evaluation are needed to evaluate if the contamination being identified is part of the smear zone or vadose zone. In addition, other OAP sample results and VP09 sample results need to be included to evaluate this area.

Fred made a general comment that the team should consider using the sample depth intervals from below ground surface to MSL in the data tags on the MGH figures to improve data understanding.

- The team agreed that sample location GP010 screening results showing elevated TCE should be confirmed with definitive lab data and there is no immediate need for stepouts.

Initial Round SS015

The Triad agenda included a recommendation that no additional soil stepouts are needed. However this site was not discussed in order to ensure sites which require night time drilling could be addressed in the time allotted for the call.

Stepout #1 PADS

GP013, GP014, GP015 and GP016 were advanced to investigate geophysical anomalies identified during the 2010 geophysical survey. There are no exceedances.

- The recommendation for no further investigation in this area was accepted

GP017 and GP018 were advanced to determine whether exceedances of DRO, RRO and PAHs at GP006 in 2010 were indicative of a small spill. Exceedances were primarily at 1 ft bgs in the 2010 samples. In the 2011 samples, DRO, GRO, benzene & xylenes exceeded SLs at 5 ft bgs. Recommendation: 1 stepout 30' east of GP017 and 1 stepout 30' south of GP018 to further investigate the area.

- Stepout proposed south of GP017 is outside of Parcel P. Colette informed the team that drilling in cracks outside of Parcel P on the apron is no longer allowed for the 2011 field season. Team agreed that one soil boring and grab groundwater sample at GP017 (an SC-style boring) to evaluate the potential contribution from this small soil spill to the underlying groundwater plume is acceptable for this site.

Stepout #1 B400

No additional soil stepouts were recommended because there is no clear source of low-level VOCs at this site to step out from. All detections are low level VOCs.

- Team agreed that it appears the investigation at B400 is complete; any data gaps will be addressed in the final report.

Stepout #1 UST1428

The Triad agenda included a recommendation that no additional soil stepouts are needed. However this site was not discussed in order to ensure sites which require night time drilling could be addressed in the time allotted for the call.

OAP – Triangle Results

The Triad agenda recommendations were not discussed to ensure sites which require night time drilling could be addressed in the time allotted for the call. Fred did have a general comment that he did not understand why locations with exceedances of SL did not appear to have deeper samples collected.

Stepdown ST010

Deeper grab groundwater samples (depths of 20, 30, 40 and 50 ft bgs) near SE-MW-01, located near the highest historical concentrations in soil and groundwater and an SC-style soil sample at the same location were proposed. The deeper grab groundwater samples are proposed to complete vertical delineation in this area because new monitoring well installations are not allowed by ADOT due to proximity to FAA equipment and the airfield.

- The proposed soil and grab groundwater samples near existing well SE-MW-01 were acceptable. These samples need to be collected during the night time runway shutdown in effect through September 18th, 2011.

Stepdown FT001

The remaining stepouts proposed at FT001 are for groundwater. Three locations were proposed for deeper grab groundwater samples to complete vertical delineation of benzene in groundwater. The grab groundwater samples are proposed because new monitoring well

installations are not allowed in this area by ADOT due to proximity to the airfield. Ronnie informed the team that permafrost was encountered during the drilling at locations GP23, GP22, and GP16.

➤ Team agreed that grab groundwater samples at 3 locations were acceptable. These grab samples need to be collected during the night time runway shutdown in effect through September 18th, 2011.

Additional Work Needed and/or Concurrence that Work Plan Objectives Have Been Met

OAP in the Airfield

A field drawing showing the location OAP_GP002 was presented. The field team noted that this location had elevated PID readings and evidence of a possible spill. Two stepouts 50 feet from the location were proposed.

➤ Team agreed that 2 additional soil samples should be collected. These soil samples need to be collected during the night time runway shutdown in effect through September 18th, 2011.

Open Discussion for Other Items

SS017 Stepouts Results (GP023, GP024, GP025)

The SS017 excavation is twice as large (volume) than initially planned. The excavation will continue to the east along the roadway to the utilidor that connects to the fire station and the west where power lines were recently removed. Groundwater has been encountered at approximately 13 feet below ground surface. Fred commented that stepout samples should continue to be collected until clean even if the excavation has reached the practical limits. Donna and Kate commented that the sampling to the east may connect with ST005 sampling.

Due to the increase in volume of the excavation it appears that excavation at SS016 will not occur this year.

Tar Removal

A building permit request to remove the tar areas was submitted on 9/8 and Colette is currently reviewing. The tar removal in some areas may need to be executed during the runway shutdown at night.

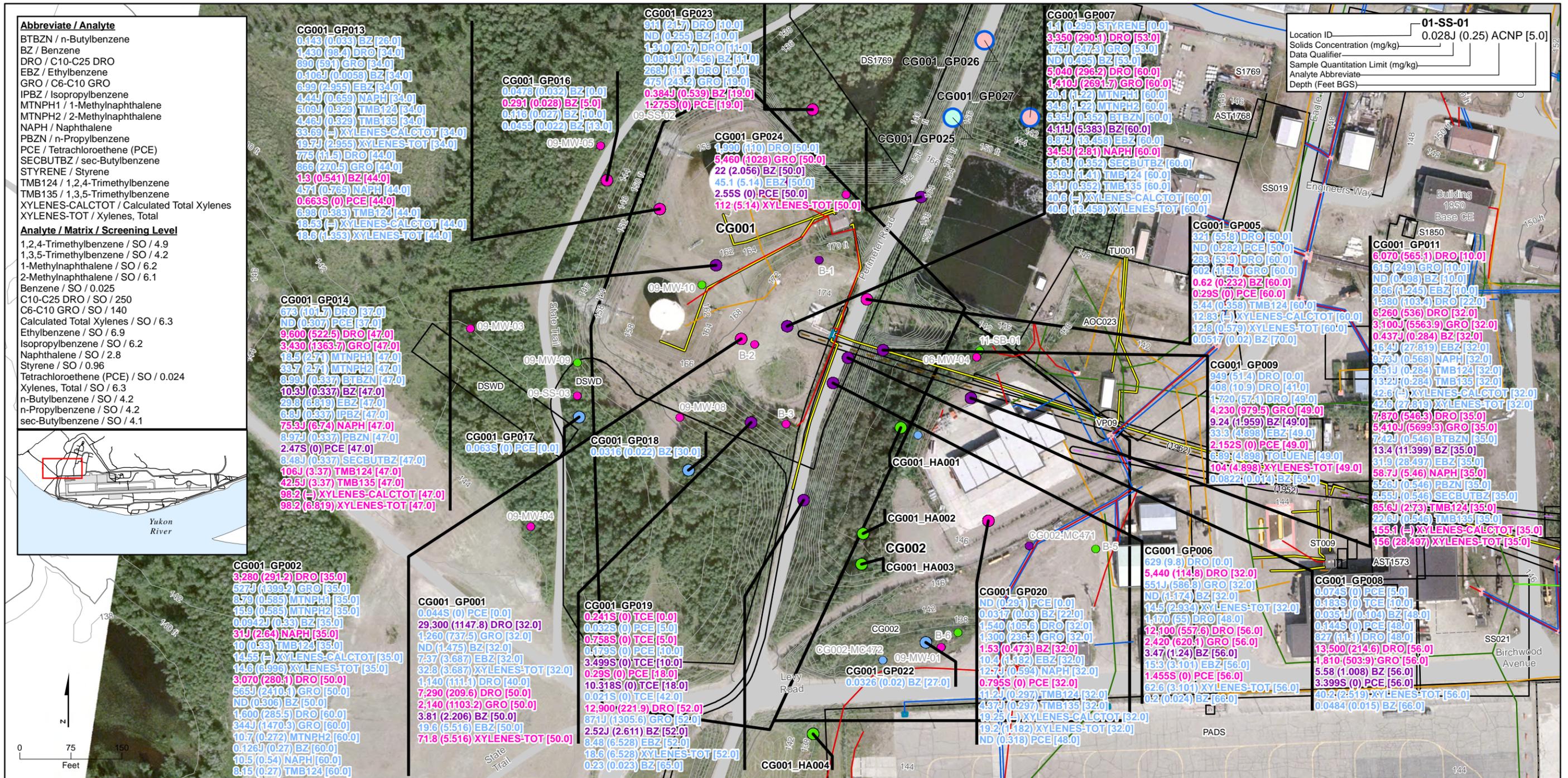
Schedule Update for Upcoming Activities

The next RAB meeting is tentatively scheduled for the week before Thanksgiving (week of November 14th, 2011)

The next Triad meeting is scheduled for Tuesday, September 27, 10:00 a.m. to noon Alaska time.

Triad call No.7 adjourned at 12:20pm Alaska time.

Attachment: Galena TO 294 Triad Team Contact List



LEGEND

- CG001/CG002
- Adjacent Site
- Approximate Location of Former Feature
- Structure
- Road
- Index Contour
- Intermediate Contour Depression
- Intermediate Contour
- Abandoned Fuel Line (1962)
- Abandoned Fuel Line (1952)
- Active Fillstand Area
- Removed Fillstand Area
- Fuel Tank
- Underground Utility Locates - 2010
 - Electrical Line
 - Communications Line
 - Sanitary Sewer Main
 - Potable Water Main
 - Fuel/Gas Line
 - Concrete Pad
 - Utility Vault

- Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Sample Exceeds Screening Level (1 to 10X analyte SL)
- Sample Does Not Exceed Screening Level
- Historical Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Historical Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Historical Sample Exceeds Screening Level (1 to 10X analyte SL)
- Historical Sample Does Not Exceed Screening Level

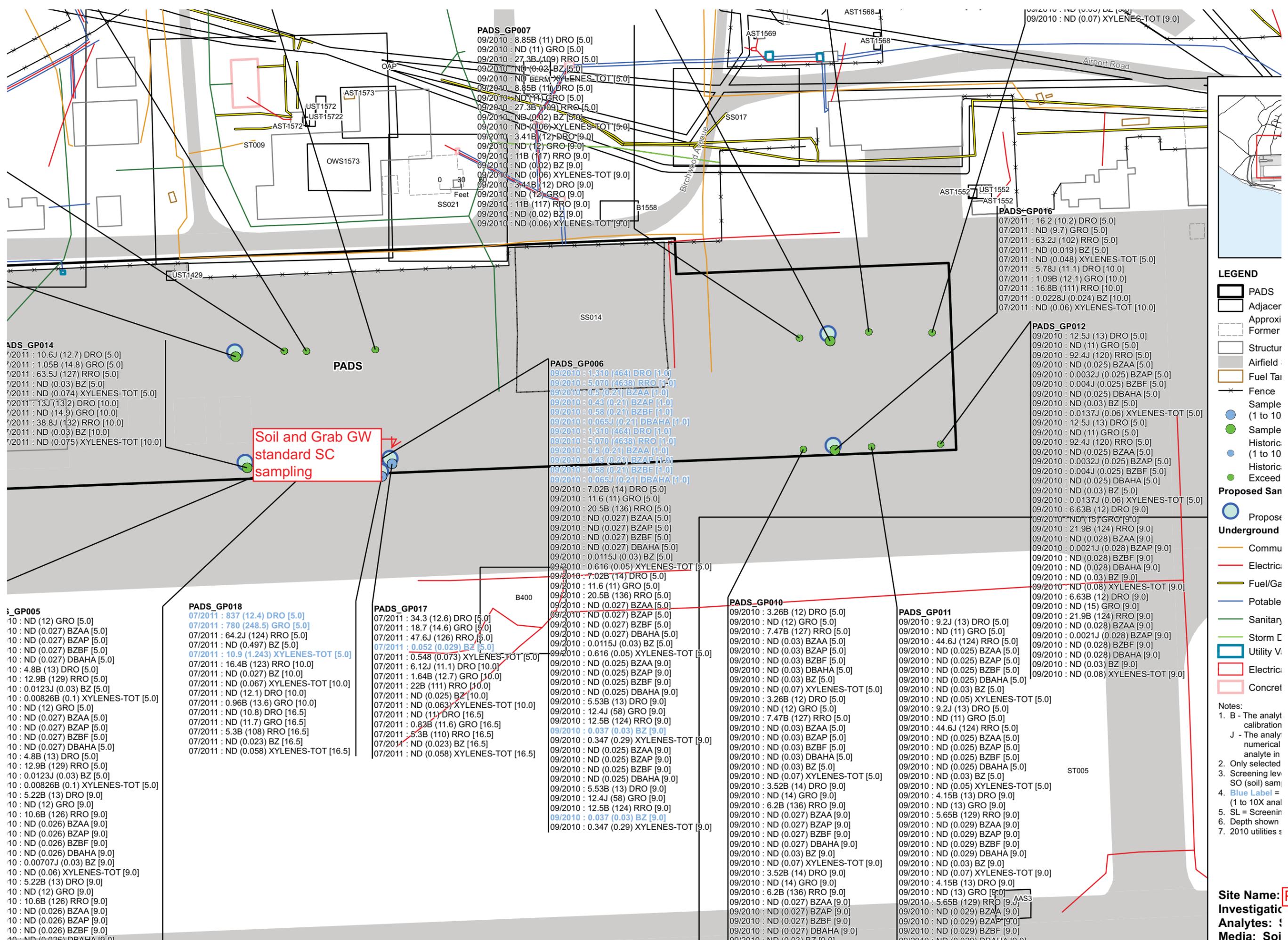
- Proposed Sample Location - Step Out #1
- Proposed Soil Sample
- Proposed Sample Location - Step Out #2
- Proposed Soil Sample

Note:
 1. Aerial photography courtesy Alaska Department of Commerce, Community and Economic Development, Division of Community and Regional Affairs, July 7, 2009. Pixel size 6 inch.

Notes:

1. J - The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
- S - The sample results are unvalidated and should be used for screening purposes only.
2. ND = Non-Detect
3. Only exceedance data is presented.
4. Screening levels are presented in units of mg/kg for SO (soil) samples.
5. Purple Label = Sample Exceeds Screening Level (Greater than 100X analyte SL)
6. Scarlet Label = Sample Exceeds Screening Level (Greater than 10X analyte SL)
7. Blue Label = Sample Exceeds Screening Level (1 to 10X analyte SL)
8. SL = Screening Level
9. Depth shown is the TOP depth of the sample.
10. 2010 utilities shown are underground only.

Site Name: CG001\CG002
Investigation Type: SC
Analytes: All Exceedences
Media: Soil
SLs: Soil Extent
Data Range: 2011



PADS_GP007
 09/2010 : 8.85B (11) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 27.3B (109) RRO [5.0]
 09/2010 : ND (0.02) BZ [5.0]
 09/2010 : ND BERM XYLENES-TOT [5.0]
 09/2010 : 8.85B (11) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 27.3B (109) RRO [5.0]
 09/2010 : ND (0.02) BZ [5.0]
 09/2010 : ND (0.06) XYLENES-TOT [5.0]
 09/2010 : 3.41B (12) DRO [9.0]
 09/2010 : ND (12) GRO [9.0]
 09/2010 : 11B (117) RRO [9.0]
 09/2010 : ND (0.02) BZ [9.0]
 09/2010 : ND (0.06) XYLENES-TOT [9.0]
 09/2010 : 3.41B (12) DRO [9.0]
 09/2010 : ND (12) GRO [9.0]
 09/2010 : 11B (117) RRO [9.0]
 09/2010 : ND (0.02) BZ [9.0]
 09/2010 : ND (0.06) XYLENES-TOT [9.0]

PADS_GP016
 07/2011 : 16.2 (10.2) DRO [5.0]
 07/2011 : ND (9.7) GRO [5.0]
 07/2011 : 63.2J (102) RRO [5.0]
 07/2011 : ND (0.019) BZ [5.0]
 07/2011 : ND (0.048) XYLENES-TOT [5.0]
 07/2011 : 5.78J (11.1) DRO [10.0]
 07/2011 : 1.09B (12.1) GRO [10.0]
 07/2011 : 16.8B (111) RRO [10.0]
 07/2011 : 0.0228J (0.024) BZ [10.0]
 07/2011 : ND (0.06) XYLENES-TOT [10.0]

PADS_GP012
 09/2010 : 12.5J (13) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 92.4J (120) RRO [5.0]
 09/2010 : ND (0.025) BZAA [5.0]
 09/2010 : 0.0032J (0.025) BZAP [5.0]
 09/2010 : 0.004J (0.025) BZBF [5.0]
 09/2010 : ND (0.025) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : 0.0137J (0.06) XYLENES-TOT [5.0]
 09/2010 : 12.5J (13) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 92.4J (120) RRO [5.0]
 09/2010 : ND (0.025) BZAA [5.0]
 09/2010 : 0.0032J (0.025) BZAP [5.0]
 09/2010 : 0.004J (0.025) BZBF [5.0]
 09/2010 : ND (0.025) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : 0.0137J (0.06) XYLENES-TOT [5.0]
 09/2010 : 6.63B (12) DRO [9.0]
 09/2010 : ND (15) GRO [9.0]
 09/2010 : 21.9B (124) RRO [9.0]
 09/2010 : ND (0.028) BZAA [9.0]
 09/2010 : 0.0021J (0.028) BZAP [9.0]
 09/2010 : 0.0021J (0.028) BZAP [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.08) XYLENES-TOT [9.0]
 09/2010 : 6.63B (12) DRO [9.0]
 09/2010 : ND (15) GRO [9.0]
 09/2010 : 21.9B (124) RRO [9.0]
 09/2010 : ND (0.028) BZAA [9.0]
 09/2010 : 0.0021J (0.028) BZAP [9.0]
 09/2010 : ND (0.028) BZBF [9.0]
 09/2010 : ND (0.028) DBAHA [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.08) XYLENES-TOT [9.0]

PADS_GP006
 09/2010 : 1.310 (464) DRO [1.0]
 09/2010 : 5.070 (4638) RRO [1.0]
 09/2010 : 0.5 (0.21) BZAA [1.0]
 09/2010 : 0.43 (0.21) BZAP [1.0]
 09/2010 : 0.58 (0.21) BZBF [1.0]
 09/2010 : 0.065J (0.21) DBAHA [1.0]
 09/2010 : 1.310 (464) DRO [1.0]
 09/2010 : 5.070 (4638) RRO [1.0]
 09/2010 : 0.5 (0.21) BZAA [1.0]
 09/2010 : 0.43 (0.21) BZAP [1.0]
 09/2010 : 0.58 (0.21) BZBF [1.0]
 09/2010 : 0.065J (0.21) DBAHA [1.0]
 09/2010 : 7.02B (14) DRO [5.0]
 09/2010 : 11.6 (11) GRO [5.0]
 09/2010 : 20.5B (136) RRO [5.0]
 09/2010 : ND (0.027) BZAA [5.0]
 09/2010 : ND (0.027) BZAP [5.0]
 09/2010 : ND (0.027) BZBF [5.0]
 09/2010 : ND (0.027) DBAHA [5.0]
 09/2010 : 0.0115J (0.03) BZ [5.0]
 09/2010 : 0.616 (0.05) XYLENES-TOT [5.0]
 09/2010 : 7.02B (14) DRO [5.0]
 09/2010 : 11.6 (11) GRO [5.0]
 09/2010 : 20.5B (136) RRO [5.0]
 09/2010 : ND (0.027) BZAA [5.0]
 09/2010 : ND (0.027) BZAP [5.0]
 09/2010 : ND (0.027) BZBF [5.0]
 09/2010 : ND (0.027) DBAHA [5.0]
 09/2010 : 0.0115J (0.03) BZ [5.0]
 09/2010 : 0.616 (0.05) XYLENES-TOT [5.0]

PADS_GP014
 07/2011 : 10.6J (12.7) DRO [5.0]
 07/2011 : 1.05B (14.8) GRO [5.0]
 07/2011 : 63.5J (127) RRO [5.0]
 07/2011 : ND (0.03) BZ [5.0]
 07/2011 : ND (0.074) XYLENES-TOT [5.0]
 07/2011 : 13J (13.2) DRO [10.0]
 07/2011 : ND (14.9) GRO [10.0]
 07/2011 : 38.8J (132) RRO [10.0]
 07/2011 : ND (0.03) BZ [10.0]
 07/2011 : ND (0.075) XYLENES-TOT [10.0]

PADS_GP018
 07/2011 : 837 (12.4) DRO [5.0]
 07/2011 : 780 (248.5) GRO [5.0]
 07/2011 : 64.2J (124) RRO [5.0]
 07/2011 : ND (0.497) BZ [5.0]
 07/2011 : 10.9 (1.243) XYLENES-TOT [5.0]
 07/2011 : 16.4B (123) RRO [10.0]
 07/2011 : ND (0.027) BZ [10.0]
 07/2011 : ND (0.067) XYLENES-TOT [10.0]
 07/2011 : ND (12.1) DRO [10.0]
 07/2011 : 0.96B (13.6) GRO [10.0]
 07/2011 : ND (10.8) DRO [16.5]
 07/2011 : ND (11.7) GRO [16.5]
 07/2011 : 5.3B (108) RRO [16.5]
 07/2011 : ND (0.023) BZ [16.5]
 07/2011 : ND (0.058) XYLENES-TOT [16.5]

PADS_GP017
 07/2011 : 34.3 (12.6) DRO [5.0]
 07/2011 : 18.7 (14.6) GRO [5.0]
 07/2011 : 47.6J (126) RRO [5.0]
 07/2011 : 0.052 (0.029) BZ [5.0]
 07/2011 : 0.548 (0.073) XYLENES-TOT [5.0]
 07/2011 : 6.12J (11.1) DRO [10.0]
 07/2011 : 1.64B (12.7) GRO [10.0]
 07/2011 : 22B (111) RRO [10.0]
 07/2011 : ND (0.025) BZ [10.0]
 07/2011 : ND (0.063) XYLENES-TOT [10.0]
 07/2011 : ND (11) DRO [16.5]
 07/2011 : 0.83B (11.6) GRO [16.5]
 07/2011 : 5.3B (110) RRO [16.5]
 07/2011 : ND (0.023) BZ [16.5]
 07/2011 : ND (0.058) XYLENES-TOT [16.5]

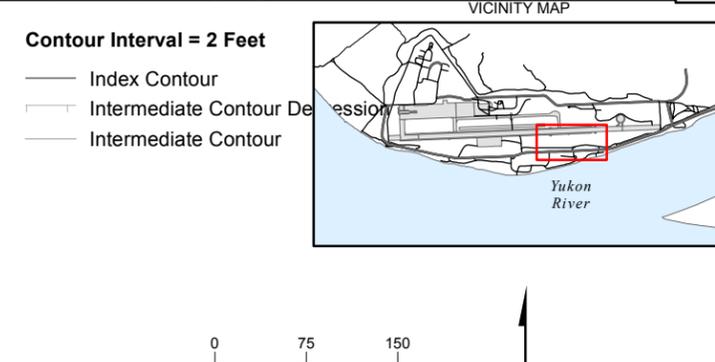
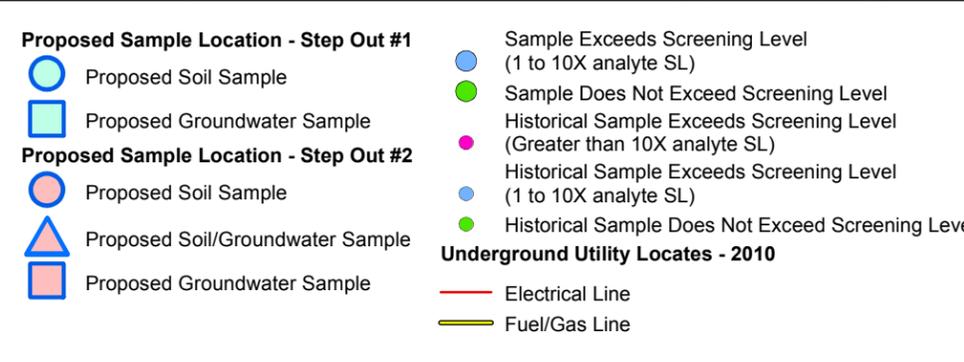
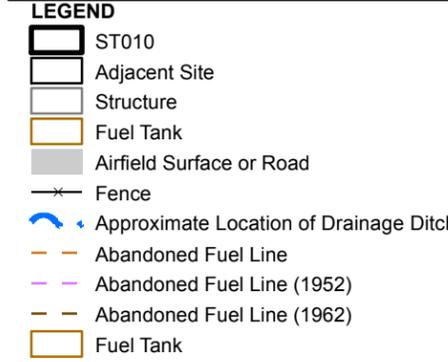
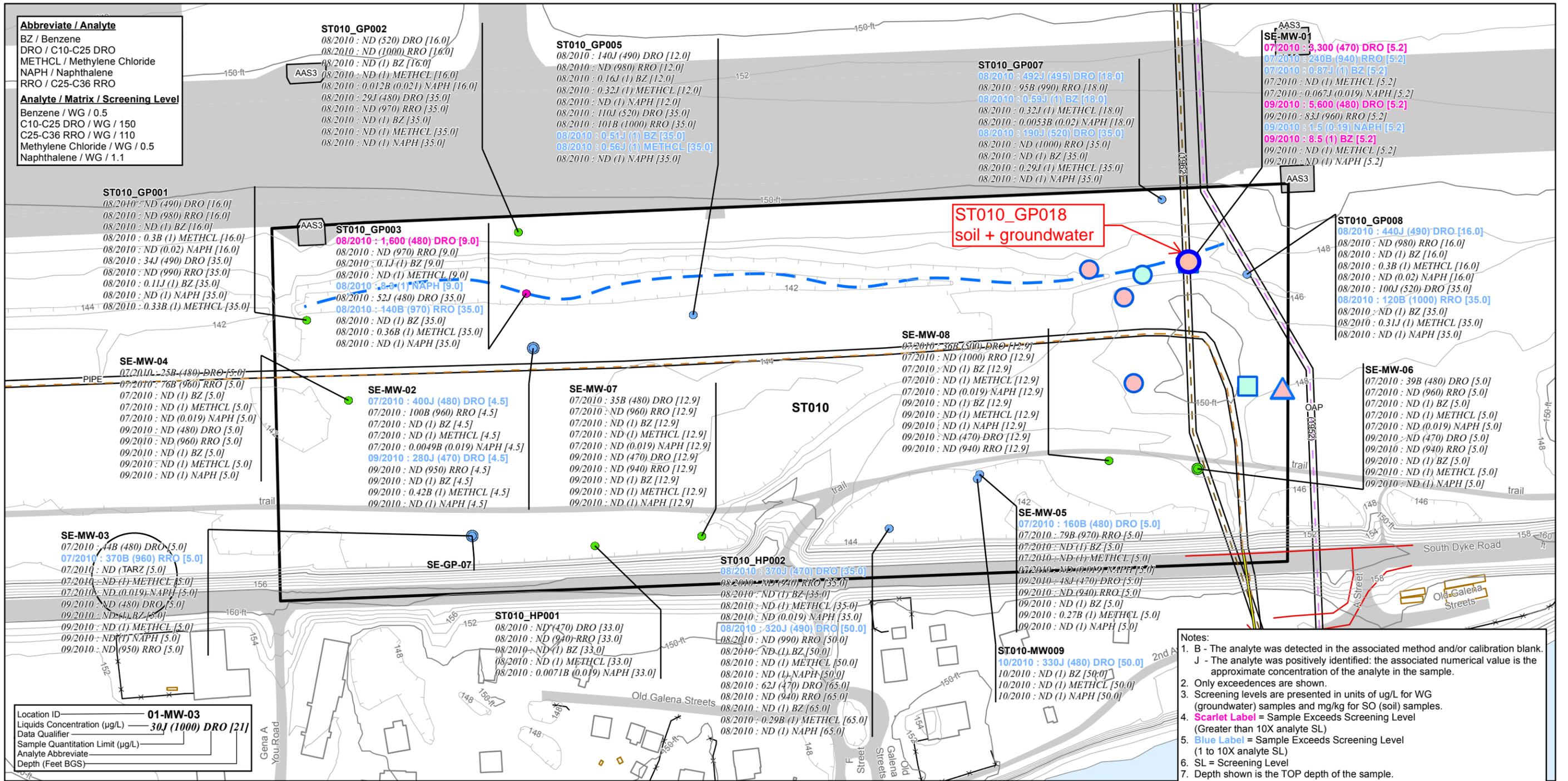
PADS_GP010
 09/2010 : 3.26B (12) DRO [5.0]
 09/2010 : ND (12) GRO [5.0]
 09/2010 : 7.47B (127) RRO [5.0]
 09/2010 : ND (0.03) BZAA [5.0]
 09/2010 : ND (0.03) BZAP [5.0]
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 09/2010 : ND (0.03) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : ND (0.07) XYLENES-TOT [5.0]
 09/2010 : 3.26B (12) DRO [5.0]
 09/2010 : ND (12) GRO [5.0]
 09/2010 : 7.47B (127) RRO [5.0]
 09/2010 : ND (0.03) BZAA [5.0]
 09/2010 : ND (0.03) BZAP [5.0]
 09/2010 : ND (0.03) BZBF [5.0]
 09/2010 : ND (0.03) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : ND (0.07) XYLENES-TOT [5.0]
 09/2010 : 3.52B (14) DRO [9.0]
 09/2010 : ND (14) GRO [9.0]
 09/2010 : 6.2B (136) RRO [9.0]
 09/2010 : ND (0.027) BZAA [9.0]
 09/2010 : ND (0.027) BZAP [9.0]
 09/2010 : ND (0.027) BZBF [9.0]
 09/2010 : ND (0.027) DBAHA [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.07) XYLENES-TOT [9.0]
 09/2010 : 3.52B (14) DRO [9.0]
 09/2010 : ND (14) GRO [9.0]
 09/2010 : 6.2B (136) RRO [9.0]
 09/2010 : ND (0.027) BZAA [9.0]
 09/2010 : ND (0.027) BZAP [9.0]
 09/2010 : ND (0.027) BZBF [9.0]
 09/2010 : ND (0.027) DBAHA [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.07) XYLENES-TOT [9.0]

PADS_GP011
 09/2010 : 9.2J (13) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 44.6J (124) RRO [5.0]
 09/2010 : ND (0.025) BZAA [5.0]
 09/2010 : ND (0.025) BZAP [5.0]
 09/2010 : ND (0.025) BZBF [5.0]
 09/2010 : ND (0.025) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : ND (0.05) XYLENES-TOT [5.0]
 09/2010 : 9.2J (13) DRO [5.0]
 09/2010 : ND (11) GRO [5.0]
 09/2010 : 44.6J (124) RRO [5.0]
 09/2010 : ND (0.025) BZAA [5.0]
 09/2010 : ND (0.025) BZAP [5.0]
 09/2010 : ND (0.025) BZBF [5.0]
 09/2010 : ND (0.025) DBAHA [5.0]
 09/2010 : ND (0.03) BZ [5.0]
 09/2010 : ND (0.05) XYLENES-TOT [5.0]
 09/2010 : 4.15B (13) DRO [9.0]
 09/2010 : ND (13) GRO [9.0]
 09/2010 : 5.65B (129) RRO [9.0]
 09/2010 : ND (0.029) BZAA [9.0]
 09/2010 : ND (0.029) BZAP [9.0]
 09/2010 : ND (0.029) BZBF [9.0]
 09/2010 : ND (0.029) DBAHA [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.07) XYLENES-TOT [9.0]
 09/2010 : 4.15B (13) DRO [9.0]
 09/2010 : ND (13) GRO [9.0]
 09/2010 : 5.65B (129) RRO [9.0]
 09/2010 : ND (0.029) BZAA [9.0]
 09/2010 : ND (0.029) BZAP [9.0]
 09/2010 : ND (0.029) BZBF [9.0]
 09/2010 : ND (0.029) DBAHA [9.0]
 09/2010 : ND (0.03) BZ [9.0]
 09/2010 : ND (0.07) XYLENES-TOT [9.0]

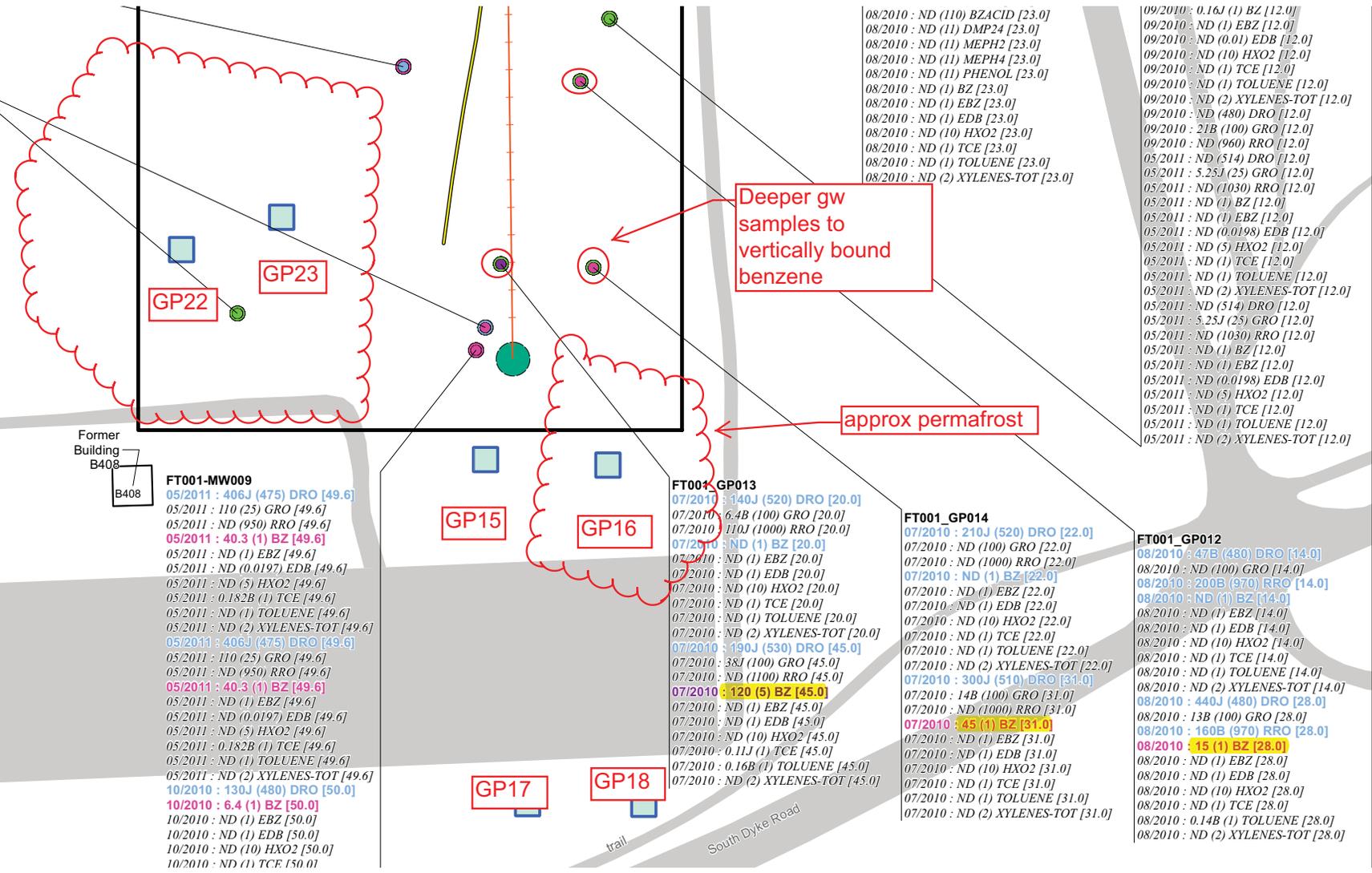
- LEGEND**
- PADS
 - Adjacer
 - Approxi
 - Former
 - Structur
 - Airfield
 - Fuel Tai
 - Fence
 - Sample (1 to 10)
 - Sample
 - Historic (1 to 10)
 - Historic
 - Exceed
- Proposed San**
- Propose
- Underground**
- Commu
 - Electric
 - Fuel/Ga
 - Potable
 - Sanitary
 - Storm C
 - Utility V.
 - Electric
 - Concret

Notes:
 1. B - The analyt calibration
 J - The analyt numerical analyte in
 2. Only selected
 3. Screening lev
 SO (soil) sam
 4. Blue Label = (1 to 10X anal
 5. SL = Screenin
 6. Depth shown
 7. 2010 utilities s

Site Name: **PADS**
 Investigatic
 Analytes: !
 Media: Soi



Site Name: ST010
Investigation Type: SC
Analytes: Select Results
Media: Groundwater
SLs: Groundwater to Surface Water Project SLs
Data Range: 2010 and 2011



Legend

- Aboveground H-Island
- Fire Training Circle
- Fuel Tank
- Formerly Assumed Location of Underground Fuel Transfer Pipe
- Underground Utility Locates - 2010
- Communications Line
- Fuel/Gas Line
- Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Sample Exceeds Screening Level (1 to 10X analyte SL)
- Sample Does Not Exceed Screening Level
- Historical Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Historical Sample Exceeds Screening Level (1 to 10X analyte SL)
- Historical Sample Does Not Exceed Screening Level

Proposed Sample Location - Step Out #1

- Proposed Groundwater Sample

Contour Interval = 2 Feet

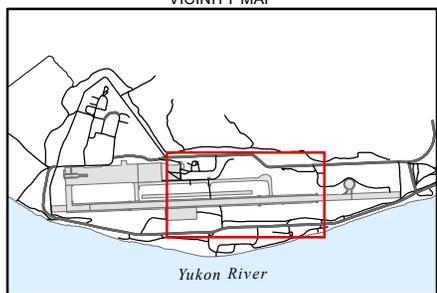
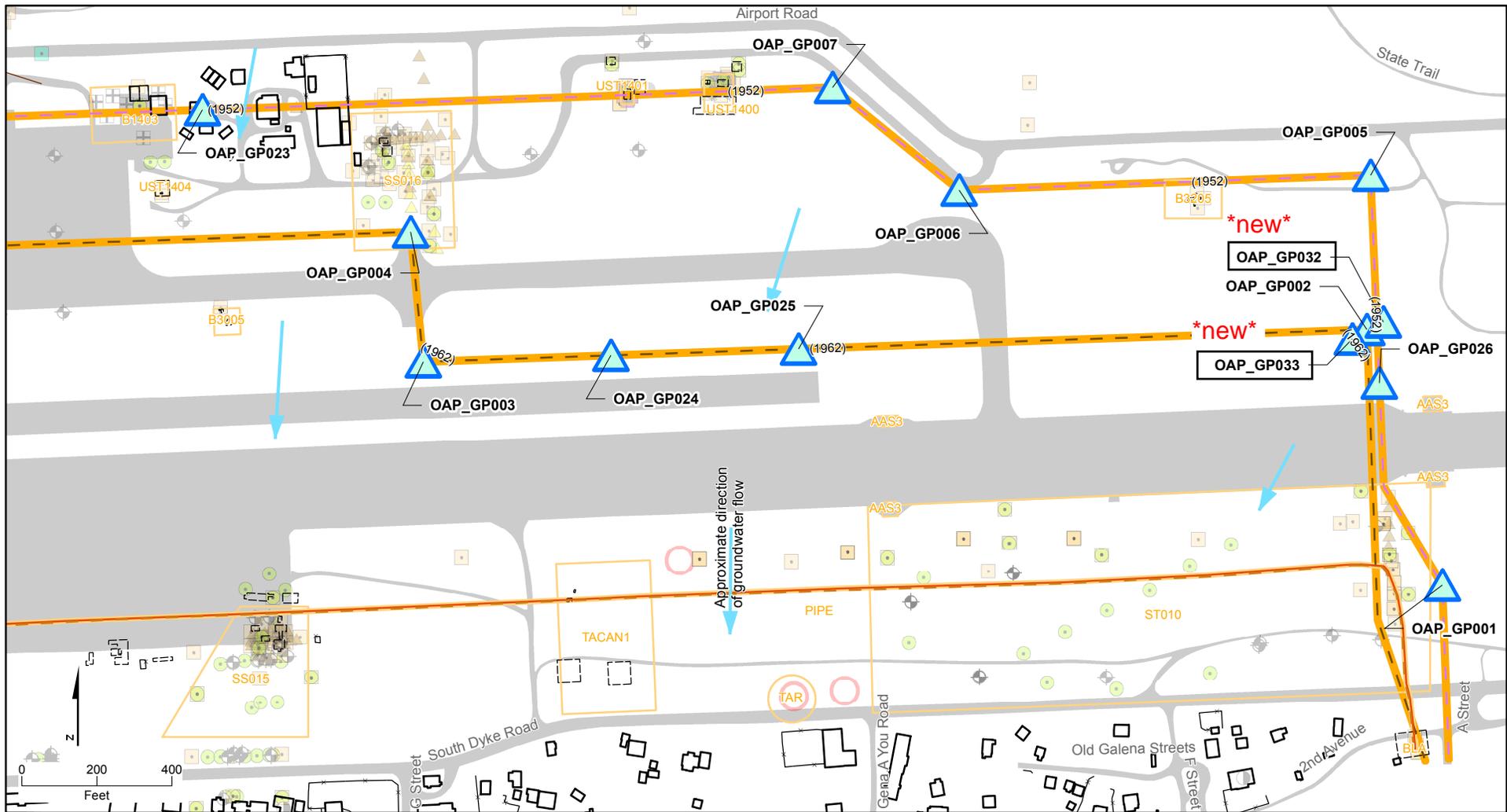
- Index Contour
- Intermediate Contour Depression
- Intermediate Contour

Notes:

- B - The analyte was detected in the associated sample; the numerical value is the approximate concentration of the analyte in the sample.
- Only exceedance data is presented.
- Screening levels are presented in units of ug/L for (groundwater) samples and mg/kg for SO (soil) samples.
- Purple Label = Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Scarlet Label = Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Blue Label = Sample Exceeds Screening Level (1 to 10X analyte SL)
- SL = Screening Level

Scale: 0, 75, 150 Feet

FT001



LEGEND

- OAP
- Adjacent Site
- Approximate Location of Former Feature
- Structure
- Airfield or Road
- Fence
- Service Wastewater Line
- Abandoned Fuel Line
- Main Fuel Line
- Abandoned Fuel Line (1952)

- Abandoned Fuel Line (1962)
- ▲ Proposed Sample Location - Step Out #1
- ▲ Proposed Soil/Groundwater Sample

- Historical Sample Location
- Excavation Sample
 - Soil Boring
 - Surface Soil Sample
 - Test Pit Sample

- Hydro Punch
- Monitoring Well
- Abandoned Monitoring Well
- Production Well
- Abandoned Production Well
- ▲ Soil Vapor Sample
- ▲ Vapor Monitoring Point

Note:
 1. The groundwater flow direction shown is the predominant direction that persists from late August through breakup of the Yukon River (approximately May 15). Groundwater flow directions during the remainder of the year are directed away from the Yukon River and are oriented approximately due north (exact direction will vary depending on time and location).

Proposed Stepout #2

Work Plan for Site Inspection, Remedial Investigation, and Site Characterization
 Former Galena Forward Operating Location, Alaska