

Table 1. Ground Water Sampling Procedures 07/01/07 through 07/31/08

This report was prepared by Sublette County Conservation District.
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Well Id	Date	Sample Collection		Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (# and size)	Notes
		Time Arrival	Time			Proposed	Actual			
AMI089	7/9/2007	10:50 AM		None	Isabel Delsa					Unable to bail well due to inaccessibility because of welded cap and hillside. Will return tomorrow with other equipment.
AMI137	7/9/2007	11:18 AM	12:45 PM	Hanna HI 9	Isabel Delsa	570	570	Bailed. Bailer to sample depth of 570' at 12:05. Bailer up and empty at 12:20. New bailer used and sent down to sample depth.	190AMI137IR07, no TPH	Did not calibrate Hanna meter, lacking solutions. Water slightly rusty in color/appearance.
AMI265	7/9/2007	1:17 PM	2:00 PM	Hanna HI 9	Isabel Delsa	510	510	Bailed. Bailer to sample depth of 510 ft. at 1:50 p.m. Bailer up and bottles filled at 2:00 p.m.	190AMI265IR07	Sample depth based on nearby wells: AMI237 Warbonnet 7-15 had a sample depth of 510' and water level of 421'. AMI212 Warbonnet 9-15 had a sample depth of 575' and water level of 408'. Location marked Warbonnet 5-15D.
AMI204	7/9/2007	2:33 PM		None	Isabel Delsa			Not sampled due to gas alarm.		LEL reading on gas detection meter reading 5-11% LEL. Gas meter alarmed. Did not feel safe to sample.
AMI267	7/9/2007	3:05 PM		None	Isabel Delsa			No samples taken, already sampled in spring season as WB 1B-10D (AMI264).		No samples were taken because we already sampled this in spring season as 1B-10D (AMI264). This is an accidental duplicate location entry in our database. Location signs say Warbonnet 4B-11D and 8B10D. Upper pad signs read: Warbonnet 1A2-10D, 1D2-10D, 8A2-10D, and 7D2-10D. Travis with Premier refers to this site as Warbonnet 8-10. Meter reads 12124 Bbls pumped.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
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AMI089	7/10/2007	9:10 AM	10:05 AM	Hanna HI 9	Isabel Delsa	570	470	Bailed. Bailer to sample depth of 570. Bialer up and bottles filled at 10:05 a.m.	191AMI089IR07, no TPH	Once bailer reached sample depth of 570' the winch cable felt light. We reeled it in and it didn't feel weighted until 470'. Upon reeling in a tangle in the cable appeared. So sample depth was probably 470'.
AMI193	7/10/2007	10:41 AM	11:18 AM	Hanna HI 9	Isabel Delsa	428	428	Bailed. Bailer to sample depth of 428' at 11:06 a.m. Bailer up and bottles filled at 11:18 a.m.	191AMI193IR07, no TPH	No cap on water well. Green tape covering it. We re-taped it shut with packing tape before departing.
AMI202	7/10/2007	11:48 AM	12:25 PM	Hanna HI 9	Isabel Delsa	570	574.3	Bailed. Bailer to sample dpeth of 574.3' at 12:06 p.m. Bailer up and bottles filled at 12:25 p.m.	191AMI202IR07, no TPH.	Black residue on winch cable.
AMI135	7/10/2007	1:12 PM	1:37 PM	Hanna HI 9	Isabel Delsa			Pumped. Began pump at 1:22 p.m.	191AMI135IR07, no TPH.	Flow rate of pump 401 B.P.D.x10. Travis with Premier present.
AMI235	7/10/2007	1:47 PM	2:07 PM	Hanna HI 9	Isabel Delsa			Pumped. Began at 1:52 pm.	191AMI235IR07, duplicates: 191AMI235IR07D. TPH and BTEX taken.	TDS overlimit on Hanna meter, flashing 2000 ppm. Travis with Premier present. Duplicate, TPH and BTEX samples taken.
AMI008	7/10/2007	2:47 PM	3:13 PM	Hanna HI 9	Delsa Isabel			Pumped well, began pump at 2:58 p.m.	Labeled 191AMI008IR07, no TPH.	Travis with Premier present also.

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AMI094	7/11/2007	10:05 AM	11:34 AM	Hanna HI 9	Isabel Delsa	697	697	Bailed. Bailer to sample depth of 697.3' at 10:45 a.m. Bailer up and nitric bottle filled at 11:03 a.m. Bailer leaked so sent a new one down to sample depth of 697.7 at 11:14 a.m. Bailer up and bottle filled at 11:34 a.m.	192AMI094IR07, no TPH.	This well is on the Mesa 10-21, 9-21 pad. There are two water wells here. This one is closer to an evaporation pit in the middle of the pad. The other one (AMI032) is closer to the entrance of the location and has a welded hinging cap on it and is painted white.
AMI032	7/11/2007	11:50 AM	12:51 PM	Hanna HI 9	Isabel Delsa			Bailed. Bailer to sample depth of 731 at 12:30. Bailer up at 12:51 and bottles filled.	192AMI032IR07, no TPH taken.	This is the water well closest to the location entrance. It is painted white and has a hinged welded large circle cap. The other water well on this location is AMI094.
AMI183	7/11/2007	1:12 PM	1:53 PM	Hanna HI 9	Isabel Delsa	630	628	Bailed. Bailer to sample depth of 628' at 1:34 p.m. Bialer up at 1:53 p.m. and bottles filled.	192AMI183IR07, no TPH	
AMI077	7/12/2007	10:35 AM	11:30 AM	Hanna HI 9	Heather Isabel			Bailed. Bailer to sampled depth of 510' at 11:13 a.m. Bailer up and bottles filled at 11:30 a.m.	193AMI077HC07	Same location as Mesa 1-28D. Mesa 2-28 is painted red and located approximately 30 ft. south of 1-28D.
AMI157	7/12/2007	11:35 AM	12:30 PM	Hanna HI 9	Heather Isabel	616	306	Bailed. Sample depth 616 ft. Bailer lightweight feeling at around 300 ft. Pulled back up. Sent bailer down and it felt stuck at 306 ft. Had to take sample from 306 ft. at 12:20 p.m. Bailer up and bottles full at 12:30 p.m.	193AMI157HC07	Same location as Mesa 2-28. Mesa 1-28D is located about 30 ft north of Mesa 2-28.
AMI166	7/12/2007	1:12 PM	1:33 PM	Hanna HI 9	Heather Isabel			Began running pump at 1:18 p.m.	193AMI166HC07; duplictes labeled 193AMI166HC07D. No TPH.	Travis with Premier present. Duplicate samples taken.

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AMI255	7/12/2007	1:47 PM	2:06 PM	Hanna HI 9	Heather Isabel			Began running pump at 1:51 p.m. Samples taken at 2:06 p.m.	193AMI255HC07, no TPH.	Rig on location at time of sample. Travis with Premier present.
AMI081	7/12/2007	2:20 PM	2:49 PM	Hanna HI 9	Heather Isabel			Began running pump at 2:31 p.m.	Mesa 7/27.	Shell well. Travis with Premier present.
AMI272	7/12/2007	3:00 PM	3:27 PM	Hanna HI 9	Heather Isabel			Began pump at 3:12 p.m. Samples taken at 3:27 p.m.	Mesa 7-34, TPH taken.	This is a new well to replace the old 7-34 well as it only reached 40 gallons/minute. Old well is about 200 ft. closer to location entrance. Black specs in water. Travis with Premier present.
AMI167	7/12/2007	3:40 PM	4:12 PM	Hanna HI 9	Heather Isabel			Began running pump at 3:57 p.m. Samples taken at 4:12 p.m.	Mesa 12-33, TPH taken.	Well covered with plastic and mud. Travis with Premier present.
AD087	7/18/2007	8:17 AM	8:47 AM	Hanna HI 9	Heather Isabel			Began running pump at 8:31 a.m. Samples taken at 8:47 a.m.	199AD087HC07	Jackson Schwabacher present.
AS062	7/18/2007	9:37 AM	10:00 AM	Hanna HI 9	Heather Isabel			Began pump well at 9:43 a.m. Samples taken at 10:00 a.m.	199AS062HC07, TPH not taken.	Sand Springs cow camp? No permit for this well. Jackson Schwabacher present also.
AMI038	7/18/2007	10:40 AM	11:05 AM	Hanna HI 9	Heather Isabel			Began running pump at 10:49 a.m.	199AMI038HC07	Used Jackson's generator to run water to tanks uphill and north of the location. Samples taken from pipe/hose running into tank. Jackson Schwabacher present also.
AMI151	7/19/2007	9:10 AM	9:53 AM	Hanna HI 9	Heather Isabel			Began running pump at 9:37 a.m.	200AMI151HC07, no TPH	Earl and Sean with Premier present.

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AMI262	7/19/2007	10:08 AM	10:30 AM	Hanna HI 9	Heather Isabel			Began running pump at 10:15 a.m. Samples taken at 10:30 a.m.	200AMI262HC07, no TPH	Flow meter read 6128 on totalizer. Two wells on this location, second well is located about 30 ft. north of well being pumped and has black locked cap. "No Good" is written on cap. Other well on location GPS: N:4720701, E:599277, Elev:6948, Accuracy 18 ft. Earl and Sean of Premier present.
AMI107	7/19/2007	11:05 AM	11:26 AM	Hanna HI 9	Heather Isabel			Began running pump at 11:11 a.m. Samples taken at 11:26 a.m.	200AMI107HC07, no TPH.	Earl and Sean with Premier present.
AMI199	7/19/2007	11:50 AM	12:20 PM	Hanna HI 9	Heather Isabel			Began running pump at 12:05 p.m. Samples taken at 12:20 p.m.	200AMI199HC07	Water was dark when it first came up and intermittently during sampling so BTEX was also taken here.
AMI164	7/19/2007	12:40 PM	1:20 PM	Hanna HI 9	Heather Isabel	567	567	Bailed well to 567 ft. Bailer to sample depth at 1:03 p.m.	TPH taken.	Sample time noted is estimated. Well locked upon arrival. Used Ultra's key to unlock. Locked prior to departure.
AMI169	7/19/2007	1:45 PM	2:12 PM	Hanna HI 9	Heather Isabel	420	420	Bailed. Bailer to sample depth of 420 ft. at 2:02 p.m. Bailer up and bottles filled at 2:12 p.m.	200AMI169HC07	
AMI181	7/19/2007	2:30 PM		None				No samples taken.		No samples taken. Sign says Mesa 6-35D and Mesa 3-35. Map says Mesa 7-35D, 2-35, 1A-35D, 2-35AD, 6-35D. According to GPS, this location is Mesa 2-35.
AMI181	7/23/2007	10:25 AM	11:03 AM	Hanna HI 9	Heather Isabel	373	373	Bailed. Bailer to sample depth of 373 ft. at 10:53 a.m. Bailer up and bottles filled at 11:03 a.m.	204AMI181HC07	Location sign reads Mesa 6-35D and 3-35. Well cap broken upon arrival. Dan Bulfer of Ultra would like to refer to this well as Mesa 2-35.

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AMI128	7/23/2007	11:25 AM	11:58 AM	Hanna HI 9	Heather Isabel	249	249	Bailed. Bailer to sample depth at 11:49 a.m. Bailer up and bottles filled at 11:58 a.m.	204AMI128HC07, TPH taken.	Well cap locked upon arrival. Locked cap prior to departure. Bailer leaking so one bailer came up only half full. 2.5 TPH bottles sent.
AMI097	7/23/2007	12:31 PM	1:10 PM	Hanna HI 9	Heather Isabel	619.5	619.5	Bailed. Bailer to sample depth of 619.5 ft. at 12:53 p.m. Bialer up and bottles filled.	204AMI097HC07, no TPH	Bailer 3/4 full. Leaky bailer.
AMI230	7/23/2007	1:35 PM	2:23 PM	Hanna HI 9	Heather Isabel	520	520	Bailed. Bailer to sample depth at 2:09 p.m. Bailers up and bottles filled at 2:23 p.m.	204AMI230HC07, TPH taken	Sample depth of 520 ft. based on Mesa 1-28. Gas meter read 3 LEL and went back to 0 LEL. Redish tint to water.
AMI245	7/23/2007	3:00 PM	3:42 PM	Hanna HI 9	Heather Isabel	397	274	Bailed. Bailer to 382 ft. and felt no weight on cord. Pulled back up to 262 ft. and began reeling back down to 274 ft. and it felt light again. Will reel back up. Knot at 129 ft. Undid knot and pulled back up.	BTEX taken but no TPH	Location sign reads 9-22BD. Water in bailer was black so BTEX bottles were filled.
AMI237	7/24/2007	9:35 AM	10:21 AM	Hanna HI 9	Heather Isabel			Began running pump at 10:01 a.m.		Flow meter read 39,707 barrels. Stopped pump at 10:08 a.m. to unhook hose and run into pit rather than tank with a hole in it. Juan with Premier present.
AS001	7/24/2007	11:20 AM		None				Sample not taken, see notes.		Hooked up for a generator. Plug 30A-125/250V. Water truck trailer being used as the water tank. Old bomb shells used for trough. Unable to sample at this time.
AMI009	7/24/2007	11:50 AM	12:33 PM	Hanna HI 9	Heather Isabel	462	462	Bailed. To sample depth at 12:21 p.m. Bialer up and bottles filled at 12:33 p.m.		Pipe dope on outside of well. Duplicate samples taken.

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AMI247	7/24/2007	1:05 PM	1:40 PM	Hanna HI 9	Heather Isabel	400	400	Bailed. To sample depth at 1:31 p.m.		Well located just east of Anticline Disposal. Sample time estimated using sample depth time.
AS028	7/24/2007	2:25 PM	2:44 PM	Hanna HI 9	Heather Isabel	2.5	2.5	Bailed. Bailer up and bottles filled at 2:44 p.m.		Water outside of the well appears to be at about the same level as inside the well.
AMI252	7/24/2007	3:11 PM		None				Samples not taken, see notes.		No sample taken, condensate on water level tape. Took a picture of the tape, will ask Ultra to pump this one. Dan Bulfer with Ultra will call the SCCD once it has been cleaned up a bit. Cleaned water level tape three times before reeling back in.
AMI252	7/27/2007	9:40 AM	10:49 AM	Hanna HI 9	Heather	360	360	Sent two bailers to 56 ft. with rope. Bailers back up and bottles filled at 10:15 a.m. Sent two bailers to 360 ft. Bailers up and bottles filled at 10:49 a.m.	208AMI252TOPHC07 and 208AMI252HC07	Bailer very greasy and smelled like petroleum. Water has a dark tint. Water in bottles had a grease layer. Well locked upon arrival, locked well prior to departure. Two samples taken, one from the water surface and one from water bearing zone.
AMI123	8/1/2007	9:55 AM	10:35 AM	Hanna HI 9	Heather Isabel	238.5	238.5	Bailed. Bailer to sample depth at 10:25 a.m. Bailers up and bottles filled at 10:35 a.m.	213AMI123HC07, TPH taken.	Well is PVC. PVC is broken and well cap is rested on top.
AMI122	8/1/2007	10:50 AM	11:29 AM	Hanna HI 9	Heather Isabel	484	484	Bailed. Bailer to sample depth at 11:16 a.m. Bailer up and bottles filled at 11:29 a.m.		Orange and brown material on outside of bailer and on the water level tape.
AMI130	8/1/2007	11:46 AM	12:12 PM	Hanna HI 9	Heather Isabel	310	310	Bailed. To sample depth at 12:04 p.m. Bailer up and bottles filled at 12:12 p.m.	213AMI130HC07, no TPH.	Loud hissing sound from tanks on location. Closest tank from well appears to be releasing a gas/air under pressure.

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AMI132	8/1/2007	1:05 PM	1:30 PM	Hanna HI 9	Heather Isabel	300	300	Bailed. To sample depth at 1:23 p.m. Bailer up and bottles full at 1:30 p.m.	No TPH	Well cap locked upon arrival.
AMI201	8/1/2007	1:45 PM	2:11 PM	Hanna HI 9	Heather Isabel			Opened valve and began flowing water at 1:48 p.m.	TPH taken.	Location sign reads Riverside 12-12. TPH taken due to recent article in Sublette Examiner (7/26/07) newspaper concerning this location. Air flowing out of valve for a few minutes before water. Water has a yellow tint.
AMI190	8/1/2007	3:08 PM		None	Heather Isabel			No samples taken, see notes.		No sample taken, gas meter alarmed at 16% LEL. Metal cap on well.
AMI010	8/2/2007	9:50 AM	10:26 AM	Hanna HI 9	Heather Isabel	360	360	Bailed. Bailer to sample depth at 10:15 a.m. Bailer up and bottles filled at 10:26 a.m.	214AMI010HC07	Bailer stuck at 285 ft. We were able to get it free.
AMI080	8/2/2007	12:00 PM	12:31 PM	Hanna HI 9	Heather Isabel	400	400	Bailed. Bailer up and bottles filled at 12:31 p.m.	214AMI080HC07, no TPH.	Cap off upon arrival. Well is located in grassy area approximately 30 ft. east of road/location entrance.
AMI117	8/6/2007	10:45 AM	12:02 PM	Hanna HI 9	Heather Isabel	745	745	Bailed. To sample depth of 745 ft. at 11:17 a.m. Up and empty at 11:38 a.m. Bialer up and bottles full at 12:02 p.m. Bailer stuck at 705 ft, 587 ft, and 504 ft.	218AMI117HC07, no TPH.	Welded metal cap sitting over the PVC cap.
AMI199	8/6/2007	1:00 PM	1:30 PM	Hanna HI 9	Heather Isabel			Pumped. Generator running upon arrival but flow meter reads 0 gall/min. began running pump at 1:12 p.m.	218AMI199HC07, TPH and BTEX taken.	Well has been pumping periodically for the past few days. Pipe dope landed in first cup of sample. This is a resample as the first sample contained xylenes. Travis weth Premier present.
AMI174	8/6/2007	2:30 PM		None	Heather Isabel			Samples not taken, did not get permission from well owner.		Well depth is approximately 188 ft., approximated with the 1000' Solonist tape.

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AMI098	8/7/2007	9:30 AM	10:03 AM	Hanna HI 9	Heather Isabel	638	638	Bailed. Bailer to sample depth at 9:48 a.m. Bailer up and bottles full at 10:03 a.m.	219AMI098HC07	Well cap loose upon arrival. Delsa Allen also present.
AMI014	8/7/2007	10:25 AM	11:15 AM	Hanna HI 9	Heather Isabel	545	545	Bailed. Bailer to depth at 10:40 a.m. Bailer up and empty at 10:53 a.m. Bailer back down to depth at 11:01 a.m. Bailer up and bottles filled at 11:15 a.m.	219AMI014HC07	Delsa Allen present also.
AMI118	8/7/2007	11:35 AM	12:20 PM	Hanna HI 9	Heather Isabel	723	723	Bailed. Bailer to depth at 12:03 p.m. Bailer up and bottles full at 12:20 p.m.	219AMI118HC07	Began looking for well on the location at 11:35. Well was found at 11:43. Well cap not locked. Well is nearly even with the ground and located in a reclaimed area just off to the left as you enter the location. Hard to see from road. Delsa Allen present also.
AMI019	8/7/2007	12:45 PM	1:23 PM	Hanna HI 9	Heather Isabel	615	615	Bailed. Bailer to depth at 1:07 p.m. Bailer up and bottles filled at 1:23 p.m.	219AMI019HC07, TPH taken.	Well locked upon arrival. Locked prior to departure. Delsa Allen also present.
AMI016	8/7/2007	2:00 PM		None	Heather Isabel			No samples taken due to gas meter alarm.		No samples taken, gas meter alarmed at 18% LEL. Top of casing is 80 inches off the ground, larger casing diameter is about even with the ground. Recent dirt work done onsite, maybe they have dug down. Delsa Allen present also.
AMI139	8/7/2007	2:30 PM	3:04 PM	Hanna HI 9	Heather Isabel	760	760	Bailed. Bailer to depth at 2:48 p.m., up and bottles full at 3:04 p.m.	219AMI139HC07	Delsa Allen of SCCD present. Craig Scharf of Questar present.
AMI007	8/9/2007	9:05 AM	9:25 AM	Hanna HI 9	Heather Delsa			Began running pump at 9:08.	221AMI007HC07	Wilda with Warco Pumps present.

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AMI114	8/9/2007	9:35 AM	9:56 AM	Hanna HI 9	Heather Delsa		Pumped. Began running pump at 9:41 a.m.	221AMI114HC07	Wilda of Warco Pumps present
AMI116	8/9/2007	10:05 AM	10:21 AM	Hanna HI 9	Heather Delsa		Pumped, began running pump at 10:06 a.m.	221AMI116HC07	Wilda with Warco Pumps present.
AMI121	8/9/2007	10:25 AM	10:44 AM	Hanna HI 9	Heather Delsa		Pumped well. Began running pump at 10:28 a.m.	221AMI121HC07	Wilda with Warco Pumps present.
AMI115	8/9/2007	10:50 AM	11:09 AM	Hanna HI 9	Heather Delsa		Began running pump at 10:55 a.m. Samples taken at 11:09 a.m.	221AMI115HC07	Wilda with Warco Pumps present.
AMI154	8/9/2007	11:20 AM	11:42 AM	Hanna HI 9	Heather Delsa		Began running pump at 11:27 a.m.	221AMI154HC07, duplicate: 221AMI154DHC07	Drilling activity on location. Wilda with Warco Pumps present. Duplicate samples taken.
AMI238	8/9/2007	11:50 AM	12:07 PM	Hanna HI 9	Heather Delsa		Pumped, Began pump at 11:53 a.m.		Wilda with Warco pumps present.
AMI029	8/9/2007	12:15 PM	12:31 PM	Hanna HI 9	Heather Delsa		Pumped. Began pump at 12:16 p.m.		Wilda with Warco Pumps present.
AMI028	8/9/2007	12:40 PM	12:57 PM	Hanna HI 9	Heather Delsa		Began running pump at 12:42 p.m.		Wilda with Warco Pumps present.
AMI027	8/9/2007	1:15 PM	1:22 PM	Hanna HI 9	Heather Delsa		Pumped. Pump running upon arrival.		Wilda with Warco Pumps present. Pump was running for 15 minutes prior to arrival.
AMI111	8/9/2007	1:53 PM	2:10 PM	Hanna HI 9	Heather Delsa		Began running pump at 1:55 p.m.	221AMI111HC07	Wilda with Warco Pumps present.

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AMI030	8/9/2007	2:15 PM	2:34 PM	Hanna HI 9	Heather Delsa			Pumped well. Began running pump at 2:18 p.m.	221AMI030HC07	Wilda with Warco Pumps present.
AMI113	8/9/2007	2:40 PM	3:01 PM	Hanna HI 9	Heather Delsa			Pumped well. Began pump at 2:46 p.m.		Wilda with Warco Pumps present.
ADS029	8/16/2007	9:40 AM	10:12 AM	Hanna HI 9	Isabel Delsa			Pumped. Began running water at 9:57 a.m.	228ADS029IR07	Used SCCD hose to take parameters, removed it and collected samples from spigot on side of house. Water around well, owner said it is leaking. Owner Hand Snow requested results.
ADSM0	8/16/2007	10:40 AM	11:08 AM	Hanna HI 9	Isabel Delsa			Pumped. Began running water at 10:53 a.m.	288ADSM001IR07, no TPH	Well located north of the house towards the highway and is covered by a little well roof. Faucet for samples is located to the left of the front doors on the outside wall in through the bushes. Removed hose for sample set.
AMI054	8/16/2007	11:40 AM	12:09 PM	Hanna HI 9	Isabel			Pumped. Began running water at 11:54 a.m.	Rky Mtn Home Center, later changed to 288AMI054IR07	Took parameters from owners hose, removed hose for samples. Well in front of Rocky Montain Home Center
AD142	8/16/2007	12:38 PM	12:57 PM	Hanna HI 9	Isabel Delsa			Pumped well. Began running water at 12:43pm.	228AD142IR07	Ran through hose, Samples taken from owner's hose due to being unable to remove it.
AD140	8/16/2007	1:05 PM	1:31 PM	Hanna HI 9	Isabel Delsa			Pumped. Began running water at 1:16 p.m.	288AD140IR07, duplicates: 288AD140IRD07, no TPH taken.	Took duplicate samples. Took samples from hose.

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AMI047	8/16/2007	1:42 PM	2:03 PM	Hanna HI 9	Isabel Delsa			Pumped. Began running pump at 1:48p.m.	Labeled Performance Tech in field and changed to 228AMI047IR07 in office.	Water well located to the west of building, opposite front door.
AS046	8/16/2007	2:30 PM	2:54 PM	Hanna HI 9	Isabel Delsa			Pumped. Began running pump at 2:39 p.m.	228AS046IR07, no TPH	Samples taken from SCCD hose for safety reasons, several electrical extension cord plugs very close to faucet. Water well is located opposite driveway from trailer house underneath 50 gallon drum. Other water well on property is next to barn (Ramsey #1).
AS054	8/16/2007	2:58 PM	3:19 PM	Hanna HI 9	Isabel Delsa			Pumped. Began running pump at 3:04 p.m.	228AS054IR07, no TPH	Well is next to garage/barn. Turn on with switch on outside wall. Removed hose to take samples.
AMI119	8/17/2007	9:55 AM	10:00 AM	Hanna HI 9	Heather Isabel			Pumped.	289AMI119HC07, no TPH	Richard with Warco Pumps present. Delsa Allen also present.
AMI120	8/17/2007	10:24 AM	10:45 AM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 10:30 a.m.	TPH and Duplicates taken.	Delsa Allen present. Duplicate samples taken.
AMI184	8/17/2007	11:15 AM	12:00 PM	Hanna HI 9	Heather Isabel	720	720	Bailed. Bailer to sample depth at 11:40 a.m. Sounded like it entered water at 500 ft. Sample time estimated.		Winch cord and water level tape were very dirty. Water has a yellow tint. 5 gallon bucket used as well cap. Delsa Allen of SCCD present also.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI252	8/17/2007	12:50 PM	1:25 PM	Hanna HI 9	Heather Isabel	360	360	Bailed. Bailer to depth at 1:08 p.m. Bailer up and bottles filled at 1:25 p.m. Used 3 soap sponges and 1 distilled sponge to clean winch cord.	TPH and BTEX taken.	Delsa Allen present also. This is a resample to confirm previous results. Greasy layer on water in the sample bottles.
AMI061	8/23/2007	9:05 AM	9:30 AM	Hanna HI 9	Heather Isabel	8	8	Bailed. Bailer to depth of 8 ft. at 9:26 a.m. Bialer up and bottles full at 9:30 a.m.		Used new bailer with the winch. Water is cloudy.
ADS007	8/23/2007	9:37 AM	10:03 AM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 9:48 a.m.	235ADS007HC07	Samples taken from owner's hose. Hose is used by Bernie for garden.
AD056	8/23/2007	10:30 AM	11:01 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:45 a.m.	235AD056HC07	
AD196	8/23/2007	11:22 AM	2:01 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:46 p.m. Samples taken at 2:01 p.m.		Well is located to the left and behind the church. Sample taken from hose ran to outside of building.
AD085	8/23/2007	12:15 PM	12:38 PM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 12:26 p.m.		Samples taken from kitchen sink. No screen in faucet. Mrs. Harber present.
AD200	8/24/2007	9:40 AM		None				Samples not taken, see notes.		Did not sample. Needed to check GPS location first.
AD047	8/24/2007	10:45 AM	11:15 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:00 a.m.	236AD047HC07, TPH taken.	Took samples directly from faucet on southside of house, just to the right of the front door.
AD199	8/24/2007	11:30 AM	11:54 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:39 a.m.	236AD197HC07, TPH taken	Samples taken directly from facuet outside to the left of the front door.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI064	8/24/2007	12:05 PM	12:33 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 12:11 p.m. TPH samples were taken at 12:30 p.m.	236AMI064HC07, TPH taken.	Samples taken from white hose owned by SCCD. Water sampled is cloudy and yellow. It was mostly clear prior to taken samples.
AD060	8/24/2007	12:40 PM	12:54 PM	Hanna HI 9	Heather Isabel	59	59	Bailed. Bailer to sample depth of 59 ft. at 12:50 p.m. Bailer up and bottles filled at 12:54 p.m.		
AD200	8/24/2007	1:15 PM	1:37 PM	Hanna HI 9	Heather Isabel	55	55	Bailed. Bailer to sample depth of 55 ft. at 1:34 p.m. Bailer up and bottles filled at 1:37 p.m.	TPH taken	Water is black. Bailer sent down twice to collect TPH samples.
AD090	8/24/2007	2:00 PM	2:24 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:09 p.m. Samples taken at 2:24 p.m.		Water run from black hose attached to well. Removed hose for sample.
AMI146	8/27/2007	10:45 AM	11:26 AM	Hanna HI 9	Heather Isabel	515	515	Bailed. Bailer to sample depth of 515 ft. at 11:13 a.m. Bialer up and bottles filled at 11:26 a.m.	239AMI146HC07	Delsa Allen of SCCD present also.
AMI034	8/27/2007	11:50 AM	12:27 PM	Hanna HI 9	Heather Isabel	519	519	Bailed. Bailer to sample depth of 519 ft. at 12:12 p.m. Bailer up and bottles filled at 12:27 p.m.	TPH taken.	Black cap on well unlocked. Water was dark.
AMI011	8/27/2007	12:50 PM	1:24 PM	Hanna HI 9	Heather Isabel	605	605	Bailed. Bailer to sample depth of 605 ft. at 1:08 p.m. Bailer up and bottles filled at 1:24 p.m.	Duplicates taken.	Delsa Allen of SCCD present also. Black cap on well unlocked. Duplicate sample taken.
AMI012	8/27/2007	2:15 PM	2:45 PM	Hanna HI 9	Heather Isabel	432.5	432.5	Bailed. Bailer to sample depth of 432.5 ft. at 2:33 p.m. Bailer up and bottles full at 2:45 p.m.		Delsa Allen with SCCD present. Location is in Section 19 near Anticline Disposal facility. In the Boulder Township Range.
AMI037	8/28/2007	10:30 AM	11:11 AM	Hanna HI 9	Heather Isabel	605	605	Bailed. Bailer to sample depth of 605 ft. at 10:56 a.m. Bailer up and bottles filled at 11:11 a.m.		Well cap locked upon arrival and we locked cap prior to departure.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI140	8/28/2007	12:45 PM	1:40 PM	Hanna HI 9	Heather Isabel	898	898	Bailed. Bailers to sample depth of 898 ft. at 1:20 p.m. Bailers up and bottles filled at 1:40 p.m.	240AMI140HC07 BTEX and TPH taken.	Well locked upon arrival and relocked prior to departure. Winch cord coated with very dark substance for last few hundred feet.
AD150	8/28/2007	2:25 PM	2:52 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:37 p.m.	240AD150HC07	
AMI134	8/29/2007	9:00 AM	9:30 AM	Hanna HI 9	Heather Isabel			Pumped. Began pump at 9:15 a.m.	241AMI134HC07	John with Premier present also.
AMI145	8/29/2007	9:57 AM	10:06 AM	Hanna HI 9	Heather Isabel			Pumped. Pumping upon arrival for 20 minutes.	241 AMI145HC07, TPH taken.	John with Premier present also.
AMI186	8/29/2007	10:25 AM	10:46 AM	Hanna HI 9	Heather Isabel			Pumped. Began pump at 10:31 a.m.	241AMI186HC07, TPH and BTEX taken.	Evaporation taking place at the time of sampling. Interval of tan colored water at 10:32 a.m. Pump running at 150 gallons/minute.
AMI026	8/29/2007	11:20 AM	11:46 AM	Hanna HI 9	Heather Isabel			Pumped. Began pump at 11:31 a.m.	241AMI026HC07	John with Premier present.
AMI258	8/29/2007	12:00 PM	12:05 PM	Hanna HI 9	Heather Isabel			Pumped. Well pumping upon arrival.	241AMI258HC07	Rig on location. John with Premier present also.
AMI156	8/29/2007	12:30 PM	12:47 PM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 12:30 p.m.	241AMI156HC07, TPH taken.	Rig on location at time of sample. John with Premier present also.
AMI133	8/29/2007	1:00 PM	1:23 PM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 1:08 p.m.	241AMI133HC07, duplicates labeled 241AMI133HC07D	Has been artesian in the past but provides no flow today. Duplicates taken. John with Premier present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI082	8/29/2007	1:55 PM	2:13 PM	Hanna HI 9	Heather Isabel			Artesian well, began running water at 1:58 p.m.	241AMI082HC07	John with Premier present. Turned valve to allow water to flow
AMI168	8/29/2007	2:40 PM	2:59 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:44 p.m.		Water discolored for first minute of pumping, brown/greenish color. John with Premier present also.
AD197	9/6/2007	9:45 AM	10:18 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:03 a.m.	249AD197HC07	Samples taken from well owner's hose.
AD020	9/6/2007	10:45 AM	11:11 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water from faucet at 10:56 a.m.	249AD020HC07	No outside faucet, had to use inside one.
AD021	9/6/2007	11:20 AM	11:44 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:29 a.m.	249AD021HC07	Well behind house under large flower pot next to red pump/spigot.
AD016	9/6/2007	11:55 AM	12:22 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 12:07 p.m.	249AD016HC07, No TPH	
AMI254	9/10/2007	1:00 PM	1:26 PM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 1:11 p.m.	TPH taken.	Samples taken before the reverse-osmosis "RO" system. Albert with BP present.
AMI018	9/10/2007	1:40 PM	2:21 PM	Hanna HI 9	Heather Isabel	563.5	563.5	Bailed. Ran bailer to sample depth of 563.5 at 2:19 p.m. Bailer up and bottles full at 2:21 p.m.		Albert with BP present.
AMI017	9/10/2007	2:45 PM	3:25 PM	Hanna HI 9	Heather Isabel	650	650	Bailed. Ran bailer to sample depth of 650 ft. at 3:06 p.m. Bailers up and bottles filled at 3:25 p.m. Knots in cable at 367 ft. and 343 ft.	Duplicates taken.	Albert with BP present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI161	9/11/2007	5:00 PM	5:40 PM	Hanna HI 9	Heather Isabel	815	815	Bailed. Bailer to sample depth of 815 ft at 5:25 p.m.		Craig Scharf of Questar, Darrell Walker and Brad Bousman of SCCD present. Sampling time of 5:40 was estimated based on the the sample depth time.
AMI099	9/12/2007	10:05 AM	10:19 AM	Hanna HI 9	Heather Isabel			Pumped. Pump running upon arrival.	255AMI099HC07, No TPH	Pump has been filling up tanks at the rig. Running upon arrival. Roy Woodmancy present.
AMI194	9/12/2007	10:27 AM	10:43 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:28 a.m.	255AMI194HC07, No TPH	Kieth with Neilson present. Sample taken from T-pipe, not from hose.
AMI109	9/12/2007	11:19 AM	11:40 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:25 a.m.	255AMI109HC07, No TPH	Brown material in first cup. Keith with Nielson present.
AMI213	9/12/2007	11:48 AM	12:05 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:50 a.m.	255AMI213HC07	Troy with Warco present.
AMI078	9/12/2007	1:00 PM	1:37 PM	Hanna HI 9	Heather Isabel	565	565	Bailed. Bailer to sample depth of 565 ft. at 1:22 p.m.	255AMI078HC07	Brown tint to samples.
ADS012	9/12/2007	4:20 PM	4:41 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 4:26 p.m.	255ADS012HC07	Charles Chapman present. Send owner results.
AD053	9/13/2007	9:20 AM	9:56 AM	Hanna HI 9	Heather Isabel			Pumped. Began running pump at 9:41 a.m.	256AD053HC07	
AD052	9/13/2007	10:00 AM	10:15 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:00 a.m.	256AD052HC07	Well is past chain link fence.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD041	9/13/2007	10:25 AM	10:54 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:39 a.m.	256AD041HC07	
AD044	9/13/2007	11:08 AM	11:31 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:16 a.m.		Samples taken from home owner's hose.
AD063	9/13/2007	11:36 AM	12:25 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 12:10 p.m.	256AD063HC07	Water run through white SCCD hose.
AD149	9/13/2007	12:43 PM		None	Heather Isabel			Could not sample. Water not coming out of outdoor faucets. Lisa Andicoechea would like us to call earlier next year (spring season) and schedule to sample.		Well is next to the outdoor patio to the right of the house.
AD089	9/13/2007	1:15 PM	1:35 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:20 p.m.	256AD089HC07	
AD193	9/13/2007	3:18 PM	3:58 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 3:43 p.m.	TPH taken.	Bottles labeled as 256 Sullivan H. Well is located about 35 ft. East of artesian well. Will change labels at office once well is named.
AD203	9/13/2007	3:18 PM	3:41 PM	Hanna HI 9	Heather Isabel			Well runs constantly, it is artesian.	TPH taken.	Bottles labeled 256 Sullivan A (for artesian). Will change labels at office once well is named. This well is the newer one on this property.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD018	9/19/2007	9:50 AM	10:16 AM	Hanna HI 9	Heather Isabel			Well is artesian and constantly running through a series of pipes. Unhooked pipe to take parameters and samples.	262AD018HC07	Artesian well with hoses running directly from well. Took sample from pipe leading to hoses. Rose, the owner, is concerned about the nearby State Section injection wells. One injection well has been drilled without the homeowners being informed and six more are proposed.
AD022	9/19/2007	10:30 AM	10:53 AM	Hanna HI 9	Heather Isabel			Began running hose at 10:38 a.m.		Hose (black PVC) running from well to willows. Sample taken from hydrant 2 ft. from well. New owners, Aaron and Nacona Hengen.
AMI033	9/19/2007	11:55 AM	12:35 PM	Hanna HI 9	Heather Isabel	655	655	Bailed. To sample depth at 12:19 p.m.		
AMI182	9/19/2007	12:50 PM		None	Heather Isabel			Did not sample. Gas meter LEL alarmed at 14%.		No samples taken, LEL alarm.
ADS012	9/20/2007	10:20 AM		None	Heather Isabel			No sample taken, returned just to get water level.		Samples taken at an earlier date.
AD035	9/20/2007	10:50 AM	11:31 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:16 a.m.		Sample taken directly from spigot, not from hose.
AD039	9/20/2007	11:43 AM	12:05 PM	Hanna HI 9	Heather Isabel			Pumped. Began water at 11:50 a.m.		Samples taken directly from outside spigot, not from hose.
AMI076	9/20/2007	1:00 PM	1:28 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water from break-room sink at 1:13 p.m.		

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD001	9/28/2007	9:30 AM	10:09 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 9:54 a.m.	271AD001HC07	Ultra has proposed to drill on this property; the Wrights were notified of the nearby state section injection wells because they are within 1/2 mile of that area. Sandy Wright would like the data.
AD202	9/28/2007	10:55 AM	11:26 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:09 a.m.		Rachel Smith is renting from the Hawks. Samples taken from SCCD hose.
AD033	9/28/2007	12:40 PM	1:36 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:21 p.m.		Samples taken at 1:36 p.m. directly from faucet on southside of the house. There are two wells on this property, only one according to the SEO. We are referring to the well in the middle of the front yard as Winter's #2. We are referring to the well that has been partially built into the brick wall as Winter's #1. Until further notification, we will assume that the well which provides water to the house on the property is the Winter's #2, the well in the front yard.
AD194	9/28/2007	1:50 PM	2:14 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:59 p.m.		Scott was home and he would like his data results.
ADS008	9/28/2007	2:25 PM	2:46 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:31 p.m.	TPH taken	No one is home. Send Hickey their results.
ADS011	10/3/2007	9:30 AM	10:00 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 9:42 a.m.	276ADS011HC07	

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI292	10/3/2007	10:25 AM	10:55 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:30 a.m.		Owner would like results. Samples taken from owner's hose. Mike Vickrey present.
AMI075	10/3/2007	11:20 AM	11:44 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:29 a.m.	276AMI075HC07	Water well is behind house near back steps. Samples taken from hydrant not from hose.
AD058	10/3/2007	11:55 AM	12:23 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 12:08 p.m.		Well is located in front yard to the west of the house under a wooden box. Box is easily removed. Samples taken from well owner's hose.
AD135	10/3/2007	1:35 PM	1:56 PM	Hanna HI 9	Heather Isabel	44	44	Bailed. Water bearing zone is 8-80 so sample depth will be 44 ft. Bailer to sample depth at 1:52 p.m.		No cap on well. Building was recently moved or taken down. Garbage floating in well.
AD201	10/3/2007	2:15 PM	2:40 PM	Hanna HI 9	Heather Isabel	55	4	Bailed. Bailer hit bottom at 4 ft.	TPH taken.	Well located in the middle of grassy lot. House to the North was sampled earlier in the season and was named AD201 Espenscheid but was actually AD149 Swinger's Green 2nd Lot. Sample time estimated.
AMI023	10/4/2007	9:50 AM	10:21 AM	Hanna HI 9	Heather Isabel	255	255	Bailed. Bailer to sample depth at 10:14 a.m.		
AMI020	10/5/2007	9:50 AM	10:28 AM	Hanna HI 9	Heather Isabel	229	229	Bailed.	TPH taken.	Cap was on very tight and is very hard to reach since it is down below inside a secondary casing. Wrapped a rope around the bottom of the cap and used a jack to remove it. We set the cap back on very lightly to avoid using this method next year.
AMI065	10/5/2007	11:00 AM	11:27 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:12 a.m.		Water run from and samples taken from Pinedale Lumber's hose.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD049	10/5/2007	11:40 AM	12:03 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:48 a.m.		Water run through well owner's hose water flow is slow, 2 cups/7 seconds.
AMI149	10/9/2007	9:40 AM	10:19 AM	Hanna HI 9	Heather Isabel			Began running pump at 9:58 a.m.	282AMI149HC07, BTEX and TPH taken.	Pump stopped to attach hose at 10:00 a.m. and restarted right away. First few minutes water was dark and had a strong odor. Hose was used for "a little bit of everything," so was taken off prior to filling sample bottles. Well not pumped for a year. Some color and odor persisted through final samples.
AD007	10/9/2007	11:00 AM	11:33 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:18 a.m.	282AD007HC07	
AMI269	10/10/2007	11:00 AM								Could not sample, lock is corroded, Fred with Ultra was not able to unlock either. Will return once lock is cut.
AMI127	10/10/2007	12:08 PM	12:45 PM	Hanna HI 9	Heather Isabel	478.5	478.5	Bailed. Bailer to sample depth at 12:34 p.m. Bailer up and bottles filled at 12:45 p.m.	No TPH taken.	
ADS030	10/10/2007	1:30 PM	1:54 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:39 p.m.		Requested data last year but not necessary this year. We will not be able to sample the cabin this year. Troy Owens present also.
AS061	10/10/2007	2:05 PM	2:36 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:21 p.m.	Labeled John Scott Stock Well, will change to well number at office.	Switch to turn on pump is on electric pole. Water is rusty colored.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD014	10/10/2007	2:50 PM	3:18 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 3:03 p.m.		Used spigot on the front of the house to the right of the front door.
AS047	10/11/2007	1:10 PM	1:35 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 1:29 p.m.		Samples taken after 6 minutes due to pipe running too low into the trough.
AD157	10/11/2007	1:40 PM	1:55 PM	Hanna HI 9	Heather Isabel	55	53	Bailed.		Water is black. Did not bail to 55 ft because last year the bottom was at 50 ft. Large hole around casing foundation near well. No cap on well.
AS063	10/11/2007	2:10 PM	3:12 PM	Hanna HI 9	Heather Isabel	45	45	Bailed. Bailer to sample depth at 3:09 p.m.		Well cap off upon arrival. Unable to take samples, could not turn on the pump. Spoke with landowner, Matt Harber, the pump has been pulled so we bailed it after all.
AMI124	10/12/2007	9:40 AM	10:07 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 9:52 a.m.	285AMI124HC07	Sean and Earl with Premier present.
AD017	10/12/2007	10:28 AM	11:07 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:51 a.m.	285AD017HC07	
ADS035	10/15/2007	10:00 AM	10:40 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 10:25 a.m.	288ADS035HC07	Used hydrant located in the garage to the east of the garage door. Used well owner's hose.
AD145	10/15/2007	10:55 AM	11:25 AM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:00 a.m.	288AD145HC07	Sample taken through SCCD hose. Phyllis Corbisier home during sampling.
AD046	10/15/2007	11:35 AM	12:08 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 11:53 a.m.		Water well underneath rocks in rock garden below house near metal building. Samples taken directly from faucet near rock garden.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed—Actual		Sample Procedure	Sample Bottles (#and size)	Notes
AMI269	10/15/2007	1:40 PM	2:16 PM	Hanna HI 9	Heather Isabel	483	483	Bailed. Bailer to sample depth of 483 ft. at 2:04 p.m.		Reused last year's bailer, no lock on the well.
AMI083	10/15/2007	3:00 PM								Samples not taken. Well located just off to the west of the location. Well being plugged with cement at time of arrival. Cement trucks just got done pouring the cement upon arrival. We were not notified of the plugging.
AMI270	10/17/2007	10:50 AM	11:34 AM	Hanna HI 9	Heather Isabel	500	500	Bailed. Bailer to sample depth of 500 ft. at 11:22 a.m.	TPH Taken.	Well cap was taped onto well. Sign on location says "2 Buttes 16-15," not the other well name. Pipe dope on end of one of the bailers, probably from dragging on the side of the well on the way up. Sample depth based on AMI245 and AMI270.
AD038	10/31/2007	1:48 PM			Heather Isabel			No samples taken, see notes.		No samples taken, ferocious dog tied up by the only faucet. Pump in well so could not bail. Construction site but no workers around.
AD036	10/31/2007	2:05 PM	2:37 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:22 p.m.	304AD036HC07	House-sitter gave permission to sample. He was given the information packet to give to the owner Deanne Garibaldi.
AD045	10/31/2007	2:48 PM	3:11 PM	Hanna HI 9	Heather Isabel			Pumped. Began running water at 2:56 p.m.	304AD045HC07, TPH taken	Renters were at the house and gave permission to sample water. Samples taken from hose with measuring cup. Renters said Lonnie Wiggington of Allen Agency rents out the property.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed-Actual	Sample Procedure	Sample Bottles (#and size)	Notes
AMI149	11/5/2007	9:45 AM	10:11 AM	Hanna HI 9	Heather Isabel		Pumped. Began running pump at 9:54 a.m. into 130 Bbl. Truck. Parameter samples taken from valve before water enters truck.	309AMI149HC07	At 10:11 a.m. final sample was taken directly from well pipes. Strong odor for first few minutes. Some odor persisited through full 15 minutes. No color to samples. Hanna meter calibrated pH7 = 7.00. 130 Bbl. Truck takes 1 hr. to fill. December 2006 was last time this well was pumped. Spring 2007 pump was changed, not pipe. Pump used up on the hill last in February 2007. Mike McGee of McGee Consulting present, he thinks the detections could be from pipe dope that was never pumped out. Later found out the pipe dope Warco uses is environmentally friendly and contains no hydrocarbons. Pumped 90 gallons/minute, 17,000 gallons - 3 truck loads. In December 2006 Yates reports Nondetect for BTEX, GRO, and DRO on this well. Perforations 590-710 ft. 710 ft. is total depth, 6 5/8 wall casing. This well was drilled in April of 2003. Pump should be sitting within the perforated zone. It is being resampled due to BTEX detections found in previous sample. Small pieces of black/brown material, up to 1 cm long, flowing with the water when filling final samples bottles. Hwy. #7 well, also Yates, was pumped and sampled, after 25,000 gallons it doubled in GRO levels. Mike will send us copies of the Hwy. #7 data, these were Dec. 2006 samples.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed - Actual	Sample Procedure	Sample Bottles [# and size]	Notes
AMI149	11/5/2007	9:45 AM	1:25 PM	Hanna HI 9	Heather Isabel		Pumped. The well has been pumping since 9:54 a.m.	309AMI149HC0713 0	The pump was stopped twice to switch the hose from one truck to another truck. Bottles labeled with 130 at the end to denote this was the later sample taken around 1:30 p.m. Mike Megee with Yates and two truck drivers were also present.
AD040	11/7/2007	2:15 PM	2:38 PM	Hanna HI 9	Heather Isabel		Pumped. Began running water at 2:23 p.m.	311AD040HC07	Using old Hanna meter, calibrated at the offic around 2 p.m. Samples taken from SCCD hose.
AD045	11/15/2007	12:50 PM			Heather Isabel		No samples taken, returned to well just to measure water level (did not have proper meter last visit).		No samples taken, returned to well just to measure water level (did not have proper meter last visit).
AD151	11/15/2007	1:05 PM	1:49 PM	Hanna HI 9	Heather Isabel		Began running pump at 1:34 p.m. Samples taken at 1:49 p.m.	Duplicates and TPH taken: 319AD151HC07 and 319AD151HC07D	Water well located approximately 30 ft. SE from SE patio corner and is only a few inches above ground.
AD084	12/19/2007	2:10 PM	2:47 AM	Hanna HI 9	Heather Isabel		Began running water from front spigot at 2:32pm through SCCD hose. Samples taken at 2:47pm from hose.	353AD084HC07	
AD038	12/19/2007	3:02 PM	3:20 PM	Hanna HI 9	Heather Isabel		Began running water through sccd hose at 3:05pm		Water level was taken at an earlier date.
AD192	4/28/2008	10:05 AM	10:54 AM	Hanna HI 9	Heather Delsa		Began running water at 10:39. Used white SCCD hose hooked to spigot to the left of the front door.	118AD192HC08, TPH/GRO/DRO, 1 unpreserved 1 nitric	owners not home so no water used recently

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD057	4/28/2008	11:18 AM	11:56 AM	Hanna HI 9	Heather Delsa			Ran water from hydrant on well and used white SCCD hose. Began running water at 11:41	118AD057HC08, 118AD057HC08D	2" metal plug allows access to WL through cap. Home owners not home so no water being used. Duplicates taken (added D to bottle's location ID at office)
AMI211	5/2/2008	10:15 AM	11:05 AM	Hanna HI 9	Heather Delsa	400	400	Bailed to SD of 400ft. Bailer to SD at 10:52 am. Bailer up and bottles filled at 11:05 am	122AMI211HC08, TPH/GRO/DRO taken	Both bailers used. Small chunks of black material on winch cable.
AMI261	5/5/2008	9:50 AM	10:25 AM	Hanna HI 9	Heather Delsa			Well is artesian. Opened valve to allow flow at 10:10 am.	125AMI261HC08, TPH/GRO/DRO taken	Artiesion well. Delsa used non-preserve plastic bottle to fill GRO bottles.
AD009	5/5/2008	10:40 AM	11:13 AM	Hanna HI 9	Heather Delsa			Began running water at 10:58 am through white SCCD hose from hydrant in driveway.	125AD009HC08, TPH/GRO/DRO taken	Owners (renters) not home during sampling. Delsa used plastic non-preserved bottles to fill GRO bottles.
AMI236	5/5/2008	11:30 AM	11:49 AM	Hanna HI 9	Heather Delsa			Began running water at 11:34 am, fast then slow intervals.	125AMI236HC08, TPH/GRO/DRO taken	Water run slower than capable to avoid mess. Ran out of a 3" hose. Delsa used plastic non-preserve bottle to fill GRO bottles.
AD005	5/5/2008	12:05 PM		None	Heather Delsa					Searched for well with GPS cordinates from SEO file, did not see well
AS002	5/5/2008	1:05 PM		None	Heather Delsa					Well not accessible due to pipe and pump. Pump not working because windmill is blown over and no longer attached to well.
AS027	5/5/2008	1:30 PM		None	Heather Delsa					Searched for well using coordinates from SEO but did not find a well. Well not found on BLM Range file. P53594W

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI248	5/8/2008	9:55 AM		None	Heather Delsa			Samples not taken. Gas meter read OL for LEL and flashed 57 at one point. O2 read 19		LEL alarm - no sample taken
AMI231	5/8/2008	10:40 AM		None	Heather Delsa					Keys unable to open lock - keys only went in part way
AMI276	5/8/2008	11:40 AM		Hanna HI 9	Heather Delsa	375	375	Bailed to a sampling depth of 375. Bailer to sampling depth at 12:17 pm, bailer up and bottles full at 12:30 pm. Filled GRO using glass measuring cup. Used 2 new bailers.	128AMI276HC08, GRO/DRO taken	Filled GRO using glass measuring cup. Used 2 new bailers. Shut off evaporation before sampling. Well is PVC, no lock, pipe dope on outside of well and on rim. Sign says 4A1-2D and 4D2-2D
AMI257	5/8/2008	1:00 PM	1:46 PM	Hanna HI 9	Heather Delsa	320	320	Bailed. Bailer to sample depth of 320 ft at 1:35 pm, bailer up and bottles filled at 1:46 pm. Used 2 new bailers. Filled GRO using glass measuring cup. Rinsed cup with distilled before sampling	128AMI257HC08, GRO/DRO taken	Evaporators were turned off before sampling. No cap on well. Location signs read: 10A-35D and 7A-35D.
AS007	5/8/2008	2:45 PM	3:01 PM	Hanna HI 9	Heather Delsa			Windmill running upon arrival, running continuously.	128AS007HC08, GRO/DRO taken	TPH (both GRO and DRO) bottles were filled using the plastic non-presieved bottle. GRO bottles/vials had some particles in it as I poured them.
AMI192	5/13/2008	12:00 PM		None	Delsa Meghann					no samples taken due to gas alarm
AMI263	5/13/2008	3:00 PM		None	Delsa Meghann					no samples taken due to gas alarm
AS025	5/19/2008	12:50 PM	1:36 PM	Hanna HI 9	Heather			Windmill running upon arrival and running continuously.	139AS025HC08, TPH/GRO/DRO taken	TPH, DRO (3 sulf) samples grabbed with glass cup

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AS015	5/19/2008	2:35 PM	3:06 PM	Hanna HI 9	Heather			Windmill running upon arrival and running continuously	139AS015HC08, TPH taken	one GRO vial fell, rinsed thoroughly and used for sample.
AS011	5/19/2008	3:25 PM		None	Heather			sample not taken, windmill running and pumping, but pump looks broken and no water is flowing into tank		Sample not taken, no water flowing into tank. Marker reads: Mud Hole Draw Well
AMI150	5/20/2008	9:00 AM	9:23 AM	Hanna HI 9	Heather			began running pump at 9:08 am	141AMI150HC08, TPH GRO/DRO taken	GRO taken with glass cup. Richard with Warco also present.
					Delsa					
AMI240	5/20/2008	9:32 AM	9:48 AM	Hanna HI 9	Heather			began running pump at 9:33	bottles labled in office. 141AMI240HC08, TPH GRO/DRO taken	GRO filled using glass cup. 5-17 and 4C3-17. Richard with Warco also present.
					Delsa					
AMI205	5/20/2008	10:10 AM	10:28 AM	Hanna HI 9	Heather			began running water at 10:13am	141AMI205HC08, TPH GRO/DRO taken	GRO filled using glass cups. Richard with Warco also present. Bottles were relabeled at office with correct Julian date..
					Delsa					
AMI112	5/20/2008	10:50 AM	11:16 AM	Hanna HI 9	Heather			began running pump at 11:01am	141 AMI112HC08 and 141AMI112HC08D	GRO filled using glass cup. Richard with Warco also present. Duplicates taken
					Delsa					
AMI239	5/20/2008	12:35 PM	12:56 PM	Hanna HI 9	Heather			began running pump at 12:41 pm	141AMI239HC08, TPH GRO/DRO taken	recalibrated meter: 1421 @ 21.7 C. GRO vials filled using glass cup. Richard with Warco alos present. Bottles were relabeled at office with correct Julian date.
					Delsa					

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed - Actual		Sample Procedure	Sample Bottles (# and size)	Notes
AMI159	5/21/2008	11:13 AM	12:45 PM	Hanna HI 9	Heather			pump began running at 11:45, began taking parameters at 12:30	142AMI159HC08	Travis said shell would like the samples taken after 1 hour. Environmentally friendly pipe dope used - see pictures. Charles will be using this water for his cows. Sample taken upon Charles Price's request. Shell was contacted - they would like BTEX taken. They are OK with sampling because it is a spring season well and it would need to be sampled anyway. Location signs: 14-28, 12-28, 13-23. Charles Price and Juan with Premier present.
AMI148	5/27/2008	1:00 PM	2:15 PM	Hanna HI 9	Heather Delsa	820	820	bailed, Bailers up and bottles full at 2:15 pm. Rope used to bail.	TPH caps labeled with AMI number and then labled back at office: 148AMI148HC08	Meghann Durbrow also present. Tape had black material on it coming out of well. Used two older bailers. Last 325 ft of rope was all brown. First part was speckled with brown. Filled GRO bottles with class cup. Changed gloves after removing rope from well. Well locked upon arrival. Dirtwork being done by KSI near well. KSI moved to allow us to sample the well. Rope used to bail.
AMI259	5/27/2008	3:45 PM	4:17 PM	Hanna HI 9	Heather Delsa	585	585	bailed, bailers up and bottles filled at 4:17 pm. Rope used to bail.	not labled in the field, but back at the office: 148AMI259HC08	Meghann Durbrow also present. Used one new bailer and 1 old bailer. Filled GRO from glass cup. Rope was used to bail. Location signs includes 11-4, 12-4. Pit liner is ripped down to the water level of the pit - see photos.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI285	5/28/2008	9:00 AM	9:16 AM	Hanna HI 9	Heather Delsa			pump running upon arrival - has been running for 1 hour according to rig personnel.	149AMI285HC08	meter reading: 5191 bbs/day. Pipe dope doesn't look like it is the TPH-free pipe dope. John with Premier also present.
AMI214	5/28/2008	9:40 AM	10:00 AM	Hanna HI 9	Heather Delsa			begin running pump at 9:43 am	149AMI214HC08	meter reads 51290 bbls, but not pumping upon arrival. Meter read 31358 at sampling time. Premier Pumps also present.
AMI279	5/28/2008	10:20 AM	10:36 AM	Hanna HI 9	Heather Delsa			Began running pump at 10:20 am.	149AMI279HC08	Fracing on location. John with Premier also present. Bbls @ 10:26 = 37725, bbls @ 10:39 = 37765
AMI250	5/28/2008	11:23 AM	11:47 AM	Hanna HI 9	Heather Delsa			Began running pump at 11:32 am.	149AMI250HC08 and 149AMI250HC08D	11:50 am parameter readings are for a duplicate sample. Duplicate sample collected with a time of 11:55 am. John with Premier also present.
AMI280	5/28/2008	12:10 PM	12:30 PM	Hanna HI 9	Heather Delsa			Began running pump at 12:13 pm.	149AMI280HC08	Completions in progress. Man on hill taking picutes in our direction. Steam/mist rising from a flowback Rain4Rent trailer and being blown over sampling area. Strong smell to the mist. John with Premier also present.
AMI274	5/28/2008	12:55 PM	1:20 PM	Hanna HI 9	Heather Delsa			Began running pump at 1:02 pm.	149AMI274HC08	Pump shut off for a minute between 1:05 and 1:08 measurements. John Premier also present.
AMI304	5/28/2008	1:50 PM	2:13 PM	Hanna HI 9	Heather Delsa			Well is artesian and is constantly flowing off bank to east of location creating a small pond (see photos).	New AMI number unknown at time of sampling, AMI was filled in on lables at office. 149AMI304HC08	This is the new Jensen 11-11. The old one was plugged (see photos). John with Premeir also present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed – Actual	Sample Procedure	Sample Bottles [# and size]	Notes
AMI090	5/28/2008	2:40 PM	2:58 PM	Hanna HI 9	Heather Delsa		Began running pump at 2:43 pm	149AMI090HC08	GRO filled after taking parameters from the same cup. John with Premier also present.
AMI188	5/28/2008	4:20 PM	4:41 PM	Hanna HI 9	Heather Delsa		Began running pump at 4:25 pm	149AMI188HC08	Drilling on site. John with Premier also present.
AMI249	5/29/2008	8:45 AM	9:47 AM	Hanna HI 9	Heather Delsa		Began running pump at 9:32am.	150AMI249HC08	Meter reading start: 8970 bbls, meter reading at time of sample: 9025 bbls. Water ran black for first few minutes. John with Premeir also present.
AMI253	5/29/2008	10:15 AM	10:38 AM	Hanna HI 9	Heather Delsa		Began running pump at 10:23 am.	150AMI253HC08	Meter reading start: 22932, meter reading end: 22998. John with Premier also present.
AMI210	5/29/2008	11:05 AM	11:20 AM	Hanna HI 9	Heather Delsa		Began running pump at 11:05 am.	150AMI210HC08	Meter start: 15987 bbls, meter end: 16050 bbls. Burst of black water when pump was started. GRO filled directly from sample port. John with Premier also present.
AMI237	5/29/2008	11:40 AM	11:55 AM	Hanna HI 9	Heather Delsa		Began running pump at 11:40 am.	GRO was labled back at office. 150AMI237HC08	Meter reading at start: 21789 bbls. GRO taken directly from sample port. John with Premier also present.
AMI212	5/29/2008	12:09 PM	12:25 PM	Hanna HI 9	Heather Delsa		Began running pump at 12:10pm.	150AMI212HC08	GRO taken directly form sample port. John with Premier also present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI160	6/4/2008	9:35 AM	10:53 AM	Hanna HI 9	Heather Delsa	765	765	Bailed. Bailer up and bottles filled 10:53am. Used rope to bail.	156AMI160HC08	Brown/black material on water level meter cord. Used 2 new bailers (old bailer thrown out). Rope coated in dark brown starting to 250 ft and up. Glass cup washed thoroughly and rinsed before use. Glass cup used to fill GRO bottles.
AMI251	6/4/2008	12:00 PM	1:00 PM	Hanna HI 9	Heather Delsa	488	488	Bailed. Bottles up and filled at 1:00 pm	156AMI251HC08	Cleaned water level meter tape with distilled on way down this well. Black/brownish coating and small chunks on water level tape on way up. Winch cable coated brown/black - cleaned thoroughly until last 100 ft (ran out of supplies), will clean back at office. Both bailers were tossed out after use, and were previously used.
AMI266	6/5/2008	8:50 AM	9:36 AM	Hanna HI 9	Heather Delsa			Began running pump at 9:21am.	157AMI266 HC08	Washed cup with soap before sampling. All bottles including GRO were filled directly from sample port. John with Premier also present.
AMI291	6/5/2008	9:47 AM	10:11 AM	Hanna HI 9	Heather Delsa			Began running pump at 9:50am.	157AMI291HC08	Water looks foggy. Meter #1 also reading same conductivity numbers. Waited to take sample because conductivity not stabilizing. All bottles filled directly from sample port. John with Premier also present.
AMI203	6/5/2008	10:28 AM	10:49 AM	Hanna HI 9	Heather Delsa			Began running pump at 10:34am	157AMI203HC08	Meter start: 36650 bbls, end: 36713. recalibrated conductivity using new packet - OK, 1442 @17.1 C. GRO bottles filled using glass cup. John with Premier also present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)			Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual				
AMI264	6/5/2008	11:05 AM	11:23 AM	Hanna HI 9	Heather Delsa				Began running pump at 11:23	157AMI264HC08	all bottles filled directly from sample port. Starting bbls on meter: 105982, ending bbls: 106046. John with Premier also present.
AMI242	6/5/2008	11:58 AM	12:16 PM	Hanna HI 9	Heather Delsa				began running pump at 12:01	157AMI242HC08	Small black pieces in sample cups. A few small black pieces also in sample bottles. All bottles filled directly from pipe and T off of well. John with Premier also present.
AMI232	6/5/2008	12:35 PM		None	Heather Delsa						gas alarm: LEL read OL, O2 read 14. Hole in liner, see pictures. Hole is on the side near the water well.
AMI209	6/5/2008	12:56 PM	2:00 PM	Hanna HI 9	Heather Delsa	562	562	bailed		157AMI209HC08	Cleaned water level meter tape on the way down with distilled. Used two old bailers. Winch cord last 200 ft coated with brown and had black small chunks.
AMI197	6/5/2008	2:30 PM		None	Heather Delsa						Did not see well. Searched with previous GPS points (coordinates). Pictures of well location taken.
AMI206	6/5/2008	2:55 PM		None	Heather Delsa						No samples taken. Did not see a well. Searched with previous GPS points (coordinates). Pictures of well location taken.
AMI196	6/5/2008	3:20 PM	4:32 PM	Hanna HI 9	Heather Delsa	840	840	Bailed		157AMI196HC08	Cleaned water level meter tape on the way down with distilled. Cleaned winch cable with soap and distilled on the way down well. No lock on well.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI233	6/13/2008	9:00 AM	9:55 AM	Hanna HI 9	Heather Delsa	200	200	bailed	165AMI233HC08	Cleaned water level tape on the way down the well. Well unlocked upon arrival. Locked prior to departure. 2 old bailers were used.
AMI231	6/13/2008	10:25 AM	11:05 AM	Hanna HI 9	Heather Delsa	385	385	bailed	165AMI231HC08 and 165AMI231HC08D	Took a duplicate set. Second set of samples taken at 11:28. Used two old bailers. No lock on well.
AMI248	6/13/2008	12:00 PM		None	Heather Delsa					No sample taken due to gas alarm. LEL alarm on gas meter. Fred has had this well's cap open for 4 days.
AMI198	6/13/2008	12:15 PM	12:55 PM	Hanna HI 9	Heather Delsa	405	405	bailed	165AMI198HC08	Tan colored liquid on water level tape. First time bailers came up, one was empty (12:55 PM). The full bailer has muddy material on bottom and has dark water; see pictures. Second bail at 1:14 PM also resulted in one empty bailer. Second set of bailers also had muddy substance on bottom and had dark water. Used one old bailer and one new bailer (it was the new bailer that was empty the first time).
AMI263	6/13/2008	1:52 PM		None	Heather Delsa					No sample taken due to LEL alarm on gas meter. Fred with Ultra has had this well cap off for 4 days. Locked well before leaving.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed-Actual	Sample Procedure	Sample Bottles [#and size]	Notes
AMI192	6/13/2008	2:24 PM		None	Heather Delsa				No sample taken due to LEL alarm on the gas meter. Fred with Ultra has had this well cap off for 4 days. Locked well cap before leaving location. Pit liner is ripped about 2.5 ft above the water level - see pictures.
AMI232	6/13/2008	3:00 PM		None	Heather Delsa				no samples were taken due to gas alarm. LEL alarm on the gas meter. Fred with Ultra has had the cap off of this well for 4 days. Locked well before leaving location.
AS003	6/16/2008	11:00 AM		None	Heather Delsa				Samples not taken. Windmill not running. Does not appear to be broken but it doesn't look like it has been run this year. Tanks dry and plug is open. Water in reservoir.
AS006	6/16/2008	11:30 AM		None	Heather Delsa				No samples taken. Windmill not running. Does not appear broken but does not look like its been run this year. No water in tank. Marker: Steele Hittle SQ Top Well SWNE S32 T30N R107W. Square Top Reservoir is near this stock well - made special entry in field book with it's coordinates and marker information.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed - Actual	Sample Procedure	Sample Bottles (# and size)	Notes
AS014	6/16/2008	12:00 PM		None	Heather Delsa				Samples not taken - pump in well hooked up to on/off switch. Need to contact rancher to obtain sample. Joe Butner should be the contact. Tank is full of water. Marker confirms N.W Squaretop. Marker reads: BLM project number 4748 NW SquareTop Well NW NE Sec 30 T30 R107 1985. Some pictures were mislabeled as AS006 and AS004 but fixed later at office. Square Top Reservoir is near this stock well - made special entry in field book with it's coordinates and marker information.
AS010	6/16/2008	1:00 PM		None	Heather Delsa				No samples taken, broken pump in well. Appears to not have been working for quite a while as there are weeds and grass in the tank. Marker is out of ground and reads: Buckhorn Well #1 NWSE S5 T29N R107W 1948
AMI083	6/16/2008	2:00 PM		None	Heather Delsa				It was known by SCCD staff that the well was plugged, just stopped by to get photos.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AS013	6/16/2008	3:00 PM	3:58 PM	Hanna HI 9	Heather Delsa	457	457	bailed - used one new bailer and one old bailer.	168AS013HC08	Cleaned water level tape with distilled on the way down. Water level tape had some liquid and chunks for the last 50 ft that had a muddy appearance. Used glass cup to fill GRO bottles. Cleaned glass cup thoroughly with soap and distilled. Both bailers leaking, only 2.5 TPH bottles were filled. Green tape was covering the well upon arrival, we taped with our clear tape before leaving site.
AMI189	6/20/2008	11:30 AM	12:50 PM	Hanna HI 9	Heather Delsa	600	600	bailed		Cleaned water level meter tape with distilled on way down. First set of bailers came up empty. Then used one old bailer and one new bailer to get sample. Used two old bailers and one new one total. Meter still reading accurately after taking field parameters. Meghann Durbrow also present.
AMI163	6/20/2008	1:14 PM	1:50 PM	Hanna HI 9	Heather Delsa	600	600		172AMI163HC08	Cleaned water level meter tape with distilled water on the way down. Small black chunks in water. Water has an overall black appearance. Meghann Durbrow also present.
AMI187	6/20/2008	2:20 PM		None	Heather Delsa					no samples taken due to gas alarm - LEL alarm on gas meter. Meghann Durbrow also present.
AMI228	6/26/2008	10:31 AM	10:50 AM	Hanna HI 9	Heather Meghann			began running pump at 10:35	178AMI228HC08	Travis with Premier also present.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed-Actual	Sample Procedure	Sample Bottles [#and size]	Notes
AMI162	6/26/2008	11:08 AM	11:30 AM	Hanna HI 9	Heather Meghann		began running pump at 11:15	178AMI162HC08 and 178AMI162HC08D	Duplicate sample taken, no duplicate field parameters taken. Travis with Premier Pumps also present.
AMI131	6/26/2008	11:55 AM	12:09 PM	Hanna HI 9	Heather Meghann		began running pump at 11:54	178AMI131HC08	Travis with Premier also present.
AS036	6/27/2008	3:30 PM	3:58 PM	Hanna HI 9	Heather		began running pump at 3:43 PM	179AS036HC08	Charles Price also present. DRO filled directly from well.
AMI043	6/27/2008	4:40 PM	4:58 PM	Hanna HI 9	Heather		began running pump at 4:42 PM	bottles labeled with a "1" on the cap, lables finished at office. 179AMI043HC08	Charles Price also present. Pump running water slowly. DRO filled directly from well.
AS019	6/27/2008	5:48 PM	5:50 PM	Hanna HI 9	Heather		pump running since 5:18	bottles labeled with a "2" on the cap, finished labeling at office. 179AS019HC08	Steve Manning also present. Samples taken from black hose. DRO filled using glass cup.
AS014	7/1/2008	9:55 AM	10:13 AM	Hanna HI 9	Heather Delsa		began running pump at 9:58 am	183AS014HC08	Joe Butner also present. Joe brought generator to run pump with. Pump was set only a month ago. No one had used this well for a while before that.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI209	7/1/2008	10:50 AM	11:30 AM	Hanna HI 9	Heather Delsa	562	562	bailed with rope	183AMI209HC08	Location had a strong odor. Used 2 new bailers. This sample is being taken to confirm previous detections found in the June 5th sample. Disposal well on location. Rope coated in brown on way out of well. DRO bottles filled directly from bailer.
AMI160	7/1/2008	1:00 PM	1:35 PM	Hanna HI 9	Heather Delsa			bailed with rope	183AMI160HC08	2 new bailers used. This sample is being taken to confirm detects in a previous sample (06-04-08). Cleaned glass cup with soap and water before using on this well. Rope coated with brown on way out of well.
AMI123	7/2/2008	11:00 AM		None	Heather Delsa					No samples taken, did not see a well. Searched using GPS coordinates. See pictures
AMI130	7/2/2008	11:20 AM		None	Heather Delsa					No samples taken, did not see a well. Searched using GPS coordinates. See pictures.
AMI132	7/2/2008	12:10 PM	1:16 PM	Hanna HI 9	Heather Delsa	300	300	bailed	184AMI132HC08 and 184AMI132HC08D	Well locked upon arrival. Used 2 old bailers. Sponges, gloves and cable have a light tan colored liquid that has a strong gasoline odor. Definite sheen on water in bottles, see pictures. Water has strong gasoline odor. Took duplicate samples at 1:40 pm. Filled GRO bottles with glass cups. Different cup used for duplicates.
AMI252	7/2/2008	2:05 PM		None	Heather Delsa					Did not see a well at this location although it has been sampled in the past. Took picture where well used to be.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AMI198	7/17/2008	11:30 AM	12:05 PM	Hanna HI 9	Heather Delsa	405	405	bailed with rope	199AMI198HC08	2 new bailers used and disposed of afterwards. Water had dark appearance - see photos. Well had a cap but no lock - Fred had to cut it for us to take the previous sample. This is a resample due to a previous detection (06-13-08). GRO bottles filled using new plastic cups. Meghann Durbrow also present. Bailer felt very light until about 350 ft. Thought it may have been on the bottom of the well at 405 so shook at 300 to get rid of any debris from bottom.
AMI233	7/17/2008	12:50 PM	1:15 PM	Hanna HI 9	Heather Delsa	200	200	bailed with rope	199AMI233HC08	Used 2 new bailers and disposed of them after. GRO filled using new plastic cups. This is a resample due to a previous detection of GRO (06-13-08). Well was locked. Water looked clear and no odor. Rope came out clean. Meghann Durbrow also present. Anticline Disposal injection well is at this location.
AMI162	7/23/2008	9:00 AM	9:15 AM	Hanna HI 9	Heather Delsa			pump had been running for 30 minutes upon arrival	205AMI162HC08	Filled GRO and BTEX with new plastic cup. Juan with Premier also present. This is a resample due to a previous detection (06-26-08).

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (# and size)	Notes
						Proposed	Actual			
AMI132	7/23/2008	10:05 AM	11:30 AM	Hanna HI 9	Heather	300	300	bailed with rope	205AMI132HC08 and 205AMI132Top and 205 Trip Blank	Bailed with rope. This will be a resample due to a previous fairly high DRO/GRO detection (06-02-08). Well locked upon arrival. Bucket was also covering top of well. 2 samples taken: one at water level and one at 300 ft. Top sample: [First sample taken was at a sample depth of 25 ft at 11:00 am. 5 ft of rope nearest bailer very muddy looking. Water in the top of the bailer looked heavier and darker than bottom of the bailers. Tried to fill each bottle equally with top and bottom water but could still see a contrast.] 300 ft sample: [There is a sheen and this water and a strong odor. Bailers and rope used were greasy/oily. We tried to fill all bottles equally with top and bottom bailer water.] See all photos. Both samples BTEX and GRO bottles were filled using new plastic cups. Both Top and 300 ft samples were a dark tan color, darker than the previous samples (06-02-08). Pit liner torn about 6 ft above the water level. All bailers discarded after use. Did not run dirty part of rope through the counter. Trip Blanks were also taken (TPH, GRO, BTEX) and were filled with distilled water at 11:52 am.
					Delsa					

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD034	7/27/2008	1:40 PM	2:05 PM	Hanna HI 9	Heather Delsa			Homeowner's hose used to take samples.	211AD034HC08	Water has been running several hours prior to our arrival therefore, just took one set of readings. Will come back next day to get water level. GRO bottles filled directly from hose. Well is located on NW side of old log building.
AMI247	7/28/2008	10:50 AM		None	Heather Delsa					no samples were taken. Did not see a water well on this location. -Need to verify with Ultra that this well has been plugged. Searched with past GPS coordinates. Photos taken.
AMI190	7/28/2008	11:25 AM		None	Heather Delsa					No samples taken due to gas alarm. Dripping sound in the well. No lock, pvc cap is taped together. Second pipe coming off main well pipe - see photos.
AMI201	7/28/2008	12:00 PM	12:20 PM	Hanna HI 9	Heather Delsa				210AMI201HC08	Well is artesian and is currently flowing onto the ground. Samples taken from valve on side of well. There is also a pump in the well. GRO bottles filled directly from valve. There are two pits on the location, higher pit is flowing into lower pit.
AMI010	7/28/2008	12:40 PM		None	Heather Delsa					No sample was taken. Well was not located using prior GPS coordinates.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft)		Sample Procedure	Sample Bottles (#and size)	Notes
						Proposed	Actual			
AD207	7/29/2008	9:00 AM	10:00 AM	Hanna HI 9	Heather Delsa			slowed water down to take samples from home owner's hose	labeled at office: 211AD207HC08	Craig Wright unscrewed wood panels to access the well. Samples taken from home owner's home. Structure over well. Well supplies water to house. Water had been running since 6 am that morning. Craig and Elaine Wright present. Send results to owners.
AD210	7/29/2008	9:00 AM	9:25 AM	Hanna HI 9	Heather Delsa			began pump at 9:08 and began running water at 9:10	211AD210HC08	Turns on from electric box on south side of house (left 2 switches). Well was being used for irrigation. Jamie Latchford and Dylon were previous owners and builders. Send results to owner.
AD039	7/29/2008	2:25 PM	2:46 PM	Hanna HI 9	Heather Delsa			started running water at 2:31 through home owner's home	211AD039HC08	Used home owner's hose. Slowed flow to sample GRO bottles filled directly from hose.
AD040	7/29/2008	3:04 PM	3:12 PM	Hanna HI 9	Heather Delsa			took water from home owner's hose	211AD040HC08	Sprinkler running for past 2 hours. Used home owner's hose. Starling/Doris Bryant home during sampling. Doris would like report.
AD149	7/29/2008	4:00 PM		None	Heather Delsa			No samples taken at this time; outside water is not on.		No samples taken at this time; outside water is not on.
AD041	7/30/2008	11:10 AM	11:45 AM	Hanna HI 9	Heather Delsa			Began running water at 11:30 am	Duplicates taken	Housekeeper at residence during sampling and water level. Used homeowner's hose off west side spigot.

Well Id	Date	Time Arrival	Sample Collection Time	Field Parameter Apparatus	Personnel	Sample Depth (ft) Proposed-Actual	Sample Procedure	Sample Bottles [#and size]	Notes
AS014	7/31/2008	10:00 AM	11:07 AM	Hanna HI 9	Heather Kathy		Began running pump at 10:51am, water running at 10:52 amduplicate samples taken at 11:15am. SCCD samples taken at 11:25 am. Travel blank also filled with distilled and labeled 213AS014T	213AS014HC08, 213AS014HC08D, 213AS014SCCD (not sent to lab)	Switch on pump box was in the "on" position upon arrival, so left it there when we left. Used SCCD Generator. Rust colored algea in tank.

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