

OGMCOAL - Fwd: HORIZON 3RD QUARTER H2O

From: Kevin Lundmark
To: Kit Pappas
Date: 2/23/2011 2:19 PM
Subject: Fwd: HORIZON 3RD QUARTER H2O
CC: Jim Smith; OGMCOAL
Attachments: SS-7 & SS-8.pdf; Horizon WQ10-3.xls

Kit,

Thanks for sending these lab sheets over. It would probably be easiest for me to just correct the values in the database. It looks like there were multiple data entry errors for each of these samples. Here is a summary of the values that were entered, and the values that were reported by SGS

SS-7 9/27/2010

Total Alkalinity entered: <5 mg/L reported: 272 mg/L
Total Iron entered: 17.92 mg/L reported: <0.05 mg/L

SS-8 9/27/2010

TSS entered: <0.1 mg/L reported: 8 mg/L
Total Alkalinity entered: <5 mg/L reported: 257 mg/L
Total Iron entered: 16.07 mg/L reported: 1.30 mg/L

With your permission, I'll make these corrections. Based on the findings of this comparison between the values entered and the values reported by the lab, it seems like the data entry should be verified for the other samples results entered for 3rd quarter 2010. Please let me know what you find after you check the data entry, and I can make any other additional corrections to the database, if needed. I've attached a spreadsheet with the data entered for 3rd quarter 2010.

Thanks,
Kevin

Kevin Lundmark
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Division of Oil, Gas & Mining
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>>> "Kit Pappas" <kit@emerytelcom.net> 2/23/2011 10:31 AM >>>

Kevin, attached are the analyses for sites SS-7 & SS-8 which you said had problems with the metals values. I am sure they were just entered incorrectly as I had one of the girl's here in the office enter this data for the first time. Sorry for the inconvenience.

Thanks,
Kit

John C. (Kit) Pappas
America West Resources
Manager of Engineering &
Environmental Services
3266 South 125 West
Price, Utah 84501
Phone: 435-636-0820
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MINE	SITE TYPE	SITE NAME	SITE DESCRIPTION	DATE	TIME	T-Fe mg/l	T-Mn mg/l	TDS-DMxDMR mg/l	TSS-DMxDMR mg/l	COMMENTS
HORIZON	Spring	2-6-W	Homestead Spring	9/27/2010		1025				
HORIZON	Spring	GV-70	Marakis Spring	9/27/2010		1030 < .05	< .002			
HORIZON	Spring	SP-1	CHANNEL IN N FK OF GORDON CK/MARAKIS SP	9/27/2010		1025				
HORIZON	Spring	SP-2	R MIDDLE FK N FK GORDON CK HILLSIDE OUT	9/27/2010		1025				
HORIZON	Spring	SP-4	N FK GORDON CK DRAINAGE BOTTOM	9/27/2010		1025				
HORIZON	Spring	SP-9	JEWKES SPRING	9/27/2010		1100 < .05	0.015			
HORIZON	Stream	SS-10	JUMP CK TRIB BL FUTURE MINING	9/27/2010		1230	0.66	0.036		
HORIZON	Stream	SS-11	SAND GULCH BEAVER CK TRIB BL FUTURE MIN	9/27/2010		1025				
HORIZON	Stream	SS-12	BEAVER CK AB BRIDGE (25 FEET)	9/27/2010		1025				
HORIZON	Stream	SS-3	JEWKES CK BL MINE	9/27/2010		955	0.24	0.022		
HORIZON	Stream	SS-5	JEWKES CK AB MINE	9/27/2010		1025				
HORIZON	Stream	SS-7	BEAVER CK AB FUTURE MINING	9/27/2010		1055	17.92	0.013		
HORIZON	Stream	SS-8	BEAVER CK BL FUTURE MINING	9/27/2010		1140	16.07	0.171		
HORIZON	UPDES Permit discharge point	UTG040019-001	SED POND Q TO N FK OF GORDON CK	7/27/2010		1030				NO DISCHARGE
HORIZON	UPDES Permit discharge point	UTG040019-001	SED POND Q TO N FK OF GORDON CK	8/31/2010		1000				NO DISCHARGE
HORIZON	UPDES Permit discharge point	UTG040019-001	SED POND Q TO N FK OF GORDON CK	9/27/2010		1000				NO DISCHARGE
HORIZON	UPDES Permit discharge point	UTGO40019-002	MINE Q	7/27/2010		1040	0.46	325 < 5.		
HORIZON	UPDES Permit discharge point	UTGO40019-002	MINE Q	8/31/2010		1030	0.44	315 < 5.		
HORIZON	UPDES Permit discharge point	UTGO40019-002	MINE Q	9/27/2010		1002	0.55	375		5
HORIZON	Well	HZ-01-06-1		9/27/2010		1300				
HORIZON	Well	HZ-95-1	BLACKHAWK/SP CYN TONGUE	9/27/2010		1150				
HORIZON	Well	HZ-95-1S	COMPLETED IN ALLUVIUM OF BEAVER CREEK	9/27/2010		1200				
HORIZON	Well	HZ-95-2	SPRING CYN TONGUE OF STAR POINT SS	9/27/2010		1230				
HORIZON	Well	HZ-95-3	NEAR INITIAL MINE WORKINGS	9/27/2010		1025				Dry Wells



Analysis Report

October 04, 2010

HIDDEN SPLENDOR RESOURCES INC
3266 SOUTH 125 WEST
PRICE UT 84501

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Client Sample ID: SS-7
Date Sampled: Sep 27, 2010
Date Received: Sep 27, 2010
Product Description: WATER

Sample ID By: Hidden Splendor
Sample Taken At: SS-7
Sample Taken By: K. PAPPAS
Time Sampled: 1055
Time Received: 1600
Mine: 28
Site: 13
Field - pH: 7.20pH
Field - Dis. Oxygen: 6 mg/l
Field - Flow: 20 GPM
Field - Conductivity: 520 umhos/cm
Field - Temperature: 8.70 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1004516-002

Table with columns: TESTS, RESULT, UNIT, METHOD, REPORTING LIMIT, DATE, ANALYZED TIME, ANALYST. Rows include tests like Hardness, Oil and Grease, Sulfate, etc., and metals by ICP like Calcium and Iron.

Handwritten signature of Domenic Ibanez

Lab Supervisor

Domenic Ibanez
Laboratory Supervisor

SGS North America Inc. Minerals Services Division
2035 North Airport Road Huntington t (435) 653-2311 f (435)-653-2436 www.sgs.com/minerals

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<u>TESTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>METHOD</u>	REPORTING	ANALYZED		
				<u>LIMIT</u>	<u>DATE</u>	<u>TIME</u>	<u>ANALYST</u>
METALS BY ICP (continued)							
Iron, Fe - Total	<0.05	mg/L	EPA 200.7	0.050	2010-09-30	20:18:00	CM
Magnesium, Mg - Dissolved	17.92	mg/L	EPA 200.7	0.010	2010-09-30	16:42:00	CM
Manganese, Mn - Dissolved	0.004	mg/L	EPA 200.7	0.002	2010-09-30	16:42:00	CM
Manganese, Mn - Total	0.013	mg/L	EPA 200.7	0.002	2010-09-30	20:18:00	CM
Potassium, K - Dissolved	1.47	mg/L	EPA 200.7	0.140	2010-09-30	16:42:00	CM
Sodium, Na - Dissolved	4.17	mg/L	EPA 200.7	0.090	2010-09-30	16:42:00	CM

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Date Sampled: Sep 27, 2010
Date Received: Sep 27, 2010
Product Description: WATER

Sample ID By: Hidden Splendor
Sample Taken At: SS-8
Sample Taken By: K. PAPPAS
Time Sampled: 1140
Time Received: 1600
Mine: 28
Site: 14
Field - pH: 7.00 pH
Field - Dis. Oxygen: 4 mg/l
Field - Flow: 23 GPM
Field - Conductivity: 470 umhos/cm
Field - Temperature: 10.7 DEG. C

Comments: Dissolved Metals Filtered at Lab

SGS Minerals Sample ID: 782-1004516-003

TESTS	RESULT	UNIT	METHOD	REPORTING	ANALYZED		
				LIMIT	DATE	TIME	ANALYST
Hardness, mg equivalent CaCO3/L	267	mg/L	SM2340-B	1.000	2010-10-01	16:25:32	AL
Oil and Grease, (HEM)	<5	mg/L	EPA 1664	5.000	2010-10-01	08:30:00	CM
Sulfate, SO4	12	mg/L	EPA 300.0	1.000	2010-09-28	18:14:00	CM
Anions	5.58	meq/L	SM1030-E	0.000	2010-10-01	16:25:32	AL
Balance	0.13	%	SM1030-E	-10.000	2010-10-01	16:25:32	AL
Cations	5.60	meq/L	SM1030-E	0.000	2010-10-01	16:25:32	AL
Acidity	<5	mg/L	D1067	5.000	2010-09-28	12:00:00	CM
Total Dissolved Solids	314	mg/L	SM2540-C	30.000	2010-09-30	14:00:00	CM
Total Suspended Solids	8	mg/L	SM2540-D	5.000	2010-09-30	14:00:00	CM
Settleable Solids	<0.1	mL/L	SM2540-F a	0.100	2010-09-28	08:00:00	AL
Chloride, Cl	7	mg/L	EPA 300.0	1.000	2010-09-28	18:14:00	CM
Alkalinity, mg CaCO3/L (pH 4.5)	257	mg/L	SM2320-B	5.000	2010-09-28	11:40:00	AL
Carbonate Alkalinity as CaCO3	<5	mg/L	SM2320-B	5.000	2010-09-28	11:40:00	AL
Bicarbonate Alkalinity as CaCO3	257	mg/L	SM2320-B	5.000	2010-09-28	11:40:00	AL
METALS BY ICP							
Calcium, Ca - Dissolved	80.53	mg/L	EPA 200.7	0.030	2010-09-30	16:42:00	CM
Iron, Fe - Dissolved	<0.03	mg/L	EPA 200.7	0.030	2010-09-30	16:42:00	CM

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