0080

ARCH WESTERN
BITUMINOUS GROUP, LLC.
A Subsidary of Arch Western Resources, LLC.

225 N. 5th Street, Suite 900
Grand Junction, CO 81501
Phone: (970) 263-5130
Fax (970) 263-5162

November 20, 2007

Coal Regulatory Program
Attn.: Pam Grubaugh-Littig
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Incoming # C/007/0005

RE: PacifiCorp's October 2007 JC-3 DMRs

Dear Pam:

Please find attached to this letter the October 2007 PacifiCorp DMRs for the JC-3 well. PacifiCorp operated the pump in JC-3 for most of the month of October. Periodic water quality samples were obtained and the analysis results for those samples are attached to the DMR form. Skyline Mine is unaware of any plans by PacifiCorp to restart and continue pumping water from JC-3 in the near future. If you have any questions regarding this information, please call me at (435) 448-2669.

Sincerely:

Chris D. Hansen

Chris D. Hansen
Environmental Coordinator
Arch Western Bituminous Group, LLC.

attachments

RECEIVED
DEC 06 2007
DIV. OF OIL, GAS & MINING

PACIFICORP ENERGY
A DIVISION OF PACIFICORP

Huntington Plant
P.O. Box 680
Huntington, UT 84528

November 15, 2007

RECEIVED
DEC 06 2007
DIV. OF OIL, GAS & MINING

Department of Environmental Quality
Division of Water Quality
Attn: Mike Herkimer, Director
288 North 1460 West
P.O. Box 144870
Salt Lake City, Utah 84114-4870

Re: **Huntington Plant – James Canyon Well System UPDES Permit #UT0025534**
DMR for October 2007

Dear Mr. Herkimer:

In accordance with the James Canyon Well System UPDES permit (#UT0025534), Section II.D.; Reporting of Monitoring Results, PacifiCorp is hereby submitting a Daily Monitoring Report (DMR) for the period October 1, 2007 to October 31, 2007.

This DMR is being submitted with the following certification:

> *I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

During the month of October, there was one exceedence for total iron and one exceedence for total dissolved solids. Laboratory analyses are attached. If you have any questions and/or need additional information, please contact Richard Neilson at (435) 687-4334.

Sincerely,

Gary Dehalter for RS

Reg Soepnel
Managing Director

Enclosure
cc: Chris Hansen, Canyon Fuels Skyline Mine

PERMITEE NAME/ADDRESS

NAME James Canyon Well System
ADDRESS P.O.Box 680
Huntington, Utah 84528

FACILITY James Canyon Well System
LOCATION Huntington, Utah 84528

ATTN: Darce Guymon (PROJECT REPRESENTATIVE)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

UT0025534
PERMIT NUMBER

001 A
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 7	1 0	0 1	0 7	1 0	3 1

Form Approved
OMB No. 2040-0004

MINOR

F-FINAL
JC-3 PUMPING PLATFORM TO LAKE

*** NO DISCHARGE [ ] ***

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE (AS AG) 00056 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2160	3865	(78)	******	******	******		0	Continuous	Instant
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	GPM	******	******	******	**** ****		ONCE/MONTH	INSTANT
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.02	******	7.3	(12)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	6.5 DAILY MN	******	9.0 DAILY MX	SU		ONCE/MONTH	GRAB
OIL AND GREASE, HEXANE EXTR METHOD 00552 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	<2	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	******	10 DAILY MX	MG/L		ONCE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	0.25	0.6	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
NITRITE PLUS NITRATE TOTAL 1 DET (AS N) 00630 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.05	<0.05	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.05	<0.05	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
PHOSPHORUS, DISSOLVED 00666 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.05	<0.05	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER		TELEPHONE		DATE
REG SOEPNEL MANAGING DIRECTOR	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	435	687-4334	11/14/2007
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	MO DA YR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITEE NAME/ADDRESS

NAME James Canyon Well System
ADDRESS P.O.Box 680
Huntington, Utah 84528

FACILITY James Canyon Well System
LOCATION Huntington, Utah 84528

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

UT0025534	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 7	1 0	0 1	0 7	1 0	3 1

Form Approved
OMB No. 2040-0004

MINOR

F-FINAL
JC-3 PUMPING PLATFORM TO LAKE

*** NO DISCHARGE [ ] ***

ATTN: Darce Guymon (PROJECT REPRESENTATIVE)

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ARSENIC, DISSOLVED (AS AS) 01000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.01	<0.01	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
ARSENIC, TOTAL (AS AS) 01002 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.01	<0.01	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CADMIUM, DISSOLVED (AS CD) 01025 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.001	<0.001	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CADMIUM, TOTAL (AS CD) 01027 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.001	<0.001	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CHROMIUM, DISSOLVED (AS CR) 01030 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	0.001	0.001	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	0.001	0.001	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
COPPER, DISSOLVED (AS CU) 01040 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.01	<0.01	(19)	0	6/31	Grab
	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE		
REG SOEPNEL MANAGING DIRECTOR	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	435	687-4334	11/14/2007		
TYPED OR PRINTED			AREA CODE	NUMBER	MO	DA	YR

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PERMITEE NAME/ADDRESS

NAME James Canyon Well System
ADDRESS P.O.Box 680
Huntington, Utah 84528

FACILITY James Canyon Well System
LOCATION Huntington, Utah 84528

ATTN: Darce Guymon (PROJECT REPRESENTATIVE)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

UT0025534	001 A
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
0 7	1 0	0 1	0 7	1 0	3 1

Form Approved
OMB No. 2040-0004

MINOR

F-FINAL
JC-3 PUMPING PLATFORM TO LAKE

*** NO DISCHARGE [ ] ***

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		******	0.018	0.05	(19)	0	6/31	Grab
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT	*****	*****		******	******	3.39	(19)	1	6/31	Grab
01045 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	******	0.5 DAILY MX	MG/L		ONCE/MONTH	GRAB
IRON, DISSOLVED (AS FE)	SAMPLE MEASUREMENT	*****	*****		******	0.47	0.13	(19)	0	6/31	Grab
01046 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
LEAD, DISSOLVED (AS PB)	SAMPLE MEASUREMENT	*****	*****		******	<0.01	<0.01	(19)	0	6/31	Grab
01049 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
LEAD, TOTAL (AS PB)	SAMPLE MEASUREMENT	*****	*****		******	<0.01	<0.01	(19)	0	6/31	Grab
01051 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
NICKEL, DISSOLVED (AS NI)	SAMPLE MEASUREMENT	*****	*****		******	0.004	0.005	(19)	0	6/31	Grab
01065 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
NICKEL, TOTAL (AS NI)	SAMPLE MEASUREMENT	*****	*****		******	0.0045	0.006	(19)	0	6/31	Grab
01067 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	******	******	**** ****	******	REPORT 30 DA AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER

REG SOEPNEL
MANAGING DIRECTOR

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
435	687-4334	11/14/2007		
AREA CODE	NUMBER	MO	DA	YR

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ADDRESS P.O.Box 680
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FACILITY James Canyon Well System
LOCATION Huntington, Utah 84528

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0 7	1 0	0 1	0 7	1 0	3 1

Form Approved
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MINOR

F-FINAL
JC-3 PUMPING PLATFORM TO LAKE

*** NO DISCHARGE [ ] ***

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
SILVER, DISSOLVED (AS AG)	SAMPLE MEASUREMENT	*****	*****		******	<0.002	<0.002	(19)	0	6/31	Grab
01075 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
SILVER, TOTAL (AS AG)	SAMPLE MEASUREMENT	*****	*****		******	<0.002	<0.002	(19)	0	6/31	Grab
01077 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
ZINC, DISSOLVED (AS ZN)	SAMPLE MEASUREMENT	*****	*****		******	0.0058	0.015	(19)	0	6/31	Grab
01090 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		******	0.0065	0.017	(19)	0	6/31	Grab
01092 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
SELENIUM, DISSOLVED (AS SE)	SAMPLE MEASUREMENT	*****	*****		******	<0.02	<0.02	(19)	0	6/31	Grab
01145 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
SELENIUM, TOTAL (AS SE)	SAMPLE MEASUREMENT	*****	*****		******	<0.02	<0.02	(19)	0	6/31	Grab
01147 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			**** ****		REPORT 30DAYAVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
FLOATING SOLIDS OR VISIBLE FOAM-VISUAL	SAMPLE MEASUREMENT	*****	0	(94)	******	*****	*****		0	6/31	Visual
45613 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT		DAILY MX	YES = 1 NO = 0				**** ****		ONCE/MONTH	VISUAL

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DISCHARGE MONITORING REPORT *(DMR)*

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MINOR

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JC-3 PUMPING PLATFORM TO LAKE

*** NO DISCHARGE [ ] ***

ATTN: Darce Guymon (PROJECT REPRESENTATIVE)

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SANITARY WASTE DISCHARGED-ASSESSMENT 45614 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	0	(94)	******	******	******		0	6/31	Visual
	PERMIT REQUIREMENT		DAILY MX	YES = 1 NO = 0				**** ****		ONCE/MONTH	VISUAL
SOLIDS, TOTAL DISSOLVED 70295 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	******	580	(19)	1	6/31	Grab
	PERMIT REQUIREMENT			**** ****			DAILY MX	MG/L		ONCE/MONTH	GRAB
MERCURY, DISSOLVED (AS HG) 71890 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.2	<0.2	(19)	0	2/31	Grab
	PERMIT REQUIREMENT			**** ****		REPORT 30 DAY AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		******	<0.2	<0.2	(19)	0	2/31	Grab
	PERMIT REQUIREMENT			**** ****		REPORT 30 DAY AVG	REPORT DAILY MX	MG/L		ONCE/MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPLE EXECUTIVE OFFICER			TELEPHONE		DATE
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TYPED OR PRINTED			AREA CODE	NUMBER	MO DA YR

COMMENT AND EXPLANATION OF ANY VIOLATIONS(Reference all attachments here)

	Iron	TDS
16 oct	2.86	525
23 oct.	n/a	

SGS

October 25, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 At Wellhead

RECEIVED 1501
SAMPLED 1130
NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Richard Neilson/Darce Guymon

Date sampled: October 9, 2007

Date received: October 9, 2007

Analysis report no. 59 30588

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Aluminum, Total	<0.03	0.030	mg/l	EPA 200.7	10-11-2007 1112 DI
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-19-2007 1216 DI
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	10-11-2007 1112 DI
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	10-19-2007 1216 DI
Boron, Total	0.19	0.010	mg/l	EPA 200.7	10-11-2007 1112 DI
Boron, Dissolved	0.19	0.010	mg/l	EPA 200.7	10-19-2007 1216 DI
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	10-11-2007 1112 DI
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	10-19-2007 1216 DI
Calcium, Total	79.00	0.03	mg/l	EPA 200.7	10-11-2007 1112 DI
Calcium, Dissolved	79.00	0.03	mg/l	EPA 200.7	10-19-2007 1216 DI
Chromium, Total	<0.001	0.001	mg/l	EPA 200.7	10-11-2007 1112 DI
Chromium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	10-19-2007 1216 DI
Copper, Total	<0.01	0.010	mg/l	EPA 200.7	10-11-2007 1112 DI
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-19-2007 1216 DI
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-11-2007 1112 DI
Iron, Total	[redacted]	0.050	mg/l	EPA 200.7	10-11-2007 1112 DI
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	10-19-2007 1216 DI
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-11-2007 1112 DI
Magnesium, Total	46.00	0.01	mg/l	EPA 200.7	10-19-2007 1216 DI
Magnesium, Dissolved	46.00	0.01	mg/l	EPA 200.7	10-23-2007 1030 GF
Mercury, Total	<0.2	0.2	ug/l	EPA 245.1	10-11-2007 1146 GF
Mercury, Dissolved	<0.2	0.2	ug/l	EPA 245.1	10-11-2007 1112 DI
Nickel, Total	0.003	0.001	mg/l	EPA 200.7	10-19-2007 1216 DI
Nickel, Dissolved	0.003	0.001	mg/l	EPA 200.7	

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

October 25, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 At Wellhead

RECEIVED 1501
SAMPLED 1130
NOTES:
DIS.METALS
FILTERED @ LAB

Page 2 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Richard Neilson/Darce Guymon

Date sampled: October 9, 2007

Date received: October 9, 2007

Analysis report no. 59-30588

rameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
trogen, Ammonia	0.4	0.1	mg/l as N	EPA 350.3	10-19-2007 1000 GF
trogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	10-09-2007 1955 GF
trogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	10-09-2007 1955 GF
l & Grease	<2	2	mg/l	EPA 413.1	10-18-2007 1030 GF
ygen, Dissolved	2.93	----	mg/l	EPA 360.1	10-09-2007 1544 GF
H	7.20	----	pH units	EPA 150.1	10-09-2007 1547 GF
H Sample Temp.	17.0	----	Deg C	EPA 150.1	10-09-2007 1547 GF
osphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	10-12-2007 0900 GF
osphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	10-12-2007 0900 GF
otassium, Total	8.71	0.14	mg/l	EPA 200.7	10-11-2007 1112 DI
otassium, Dissolved	8.71	0.14	mg/l	EPA 200.7	10-19-2007 1216 DI
elenium, Total	<0.02	0.020	mg/l	EPA 200.7	10-11-2007 1112 DI
elenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	10-19-2007 1216 DI
ilver, Total	<0.002	0.002	mg/l	EPA 200.7	10-11-2007 1112 DI
ilver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	10-19-2007 1216 DI
olids, Total Dissolved	52[illegible]	30	mg/l	EPA 160.1	10-11-2007 1400 GF
olids, Total Suspended	7	5	mg/l	EPA 160.2	10-11-2007 1400 GF
inc, Total	<0.004	0.004	mg/l	EPA 200.7	10-11-2007 1112 DI
inc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	10-19-2007 1216 DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 6, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1650
SAMPLED 1400
NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Darce Guymon

Date sampled: October 16, 2007

Date received: October 16, 2007

Analysis report no. 59-30652

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Aluminum, Total	<0.03	0.030	mg/l	EPA 200.7	10-30-2007 1635 GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-25-2007 1629 DI
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	10-25-2007 1629 DI
Boron, Total	0.20	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Boron, Dissolved	0.20	0.010	mg/l	EPA 200.7	10-25-2007 1629 DI
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	10-25-2007 1629 DI
Calcium, Total	78.60	0.03	mg/l	EPA 200.7	10-30-2007 1635 GF
Calcium, Dissolved	78.60	0.03	mg/l	EPA 200.7	10-25-2007 1629 DI
Chromium, Total	0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Chromium, Dissolved	0.001	0.001	mg/l	EPA 200.7	10-25-2007 1629 DI
Copper, Total	0.05	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-25-2007 1629 DI
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-25-2007 1629 DI
Iron, Total	2.86	0.050	mg/l	EPA 200.7	10-23-2007 1628 GF
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-25-2007 1629 DI
Magnesium, Total	43.10	0.01	mg/l	EPA 200.7	10-30-2007 1635 GF
Magnesium, Dissolved	42.90	0.01	mg/l	EPA 200.7	10-25-2007 1629 DI
Mercury, Total	<0.2	0.2	ug/l	EPA 245.1	10-23-2007 1030 GF
Mercury, Dissolved	<0.2	0.2	ug/l	EPA 245.1	10-23-2007 1030 GF
Nickel, Total	0.006	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Nickel, Dissolved	0.004	0.001	mg/l	EPA 200.7	10-25-2007 1629 DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 6, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Darce Guymon

Date sampled: October 16, 2007

Date received: October 16, 2007

RECEIVED 1650
SAMPLED 1400
NOTES:
DIS.METALS
FILTERED @ LAB

Analysis report no. 59-30652

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Nitrogen, Ammonia	<0.1	0.1	mg/l as N	EPA 350.3	10-19-2007 0100	GF
Nitrogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	10-17-2007 1523	GF
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	10-17-2007 1523	GF
Oil & Grease	<2	2	mg/l	EPA 413.1	10-31-2007 0900	GF
Oxygen, Dissolved	3.05	----	mg/l	EPA 360.1	10-17-2007 0913	GF
pH	7.24	----	pH units	EPA 150.1	10-17-2007 0923	GF
pH Sample Temp.	10.9	----	Deg C	EPA 150.1	10-17-2007 0923	GF
Phosphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800	GF
Phosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800	GF
Potassium, Total	8.46	0.14	mg/l	EPA 200.7	10-30-2007 1635	GF
Potassium, Dissolved	8.46	0.14	mg/l	EPA 200.7	10-25-2007 1629	DI
Selenium, Total	<0.02	0.020	mg/l	EPA 200.7	10-30-2007 1635	DI
Selenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	10-25-2007 1629	DI
Silver, Total	<0.002	0.002	mg/l	EPA 200.7	10-30-2007 1635	DI
Silver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	10-25-2007 1629	DI
Solids, Total Dissolved	525	30	mg/l	EPA 160.1	10-22-2007 1400	GF
Solids, Total Suspended	10	5	mg/l	EPA 160.2	10-23-2007 1100	GF
Zinc, Total	0.006	0.004	mg/l	EPA 200.7	10-28-2007 1628	GF
Zinc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	10-25-2007 1629	DI

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1600
SAMPLED 1110
NOTES:
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Darce Guymon

Date sampled: October 23, 2007

Date received: October 23, 2007

Analysis report no. 59-30674

rameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
uminum, Total	<0.03	0.030	mg/l	EPA 200.7	10-30-2007 1635	GF
luminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-25-2007 1629	DI
rsenic, Total	<0.010	0.010	mg/l	EPA 200.7	11-06-2007 1224	GF
rsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	10-25-2007 1629	DI
oron, Total	0.19	0.010	mg/l	EPA 200.7	10-30-2007 1635	GF
oron, Dissolved	0.19	0.010	mg/l	EPA 200.7	10-25-2007 1629	DI
admium, Total	<0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635	GF
admium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	10-25-2007 1629	DI
alcium, Total	80.80	0.03	mg/l	EPA 200.7	10-30-2007 1635	GF
alcium, Dissolved	80.80	0.03	mg/l	EPA 200.7	10-25-2007 1629	DI
hromium, Total	0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635	GF
hromium, Dissolved	0.001	0.001	mg/l	EPA 200.7	10-25-2007 1629	DI
opper, Total	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635	GF
opper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-25-2007 1629	DI
ron, Dissolved	0.13	0.030	mg/l	EPA 200.7	10-25-2007 1629	DI
ron, Total	3.39	0.050	mg/l	EPA 200.7	10-30-2007 1635	GF
ead, Total	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635	GF
ead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-25-2007 1629	DI
agnesium, Total	44.50	0.01	mg/l	EPA 200.7	10-30-2007 1635	GF
agnesium, Dissolved	44.50	0.01	mg/l	EPA 200.7	10-25-2007 1629	DI
ercury, Total	xxxx	0.2	ug/l	EPA 245.1	- -	
ercury, Dissolved	xxxx	0.2	ug/l	EPA 245.1	- -	
ickel, Total	0.004	0.001	mg/l	EPA 200.7	10-30-2007 1635	GF
ickel, Dissolved	0.004	0.001	mg/l	EPA 200.7	10-25-2007 1629	DI

INCOMPLETE REPORT

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1600
SAMPLED 1110
NOTES:
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us: Water

Sample taken at: PacifiCorp/Huntington Plant

Sample taken by: Darce Guymon

Date sampled: October 23, 2007

Date received: October 23, 2007

Analysis report no. 59-30674

arameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
itrogen, Ammonia	0.2	0.1	mg/l as N	EPA 350.3	11-01-2007 0950	DI
itrogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	10-24-2007 1235	GF
itrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	10-24-2007 1235	GF
il & Grease	<2	2	mg/l	EPA 413.1	10-31-2007 0900	GF
xygen, Dissolved	3.68	----	mg/l	EPA 360.1	10-24-2007 0926	GF
H	7.30	----	pH units	EPA 150.1	10-24-2007 0900	CDM
H Sample Temp.	12.2	----	Deg C	EPA 150.1	10-24-2007 0900	CDM
hosphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800	GF
hosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02 2007 0800	GF
otassium, Total	8.50	0.14	mg/l	EPA 200.7	10-30-2007 1635	GF
otassium, Dissolved	8.50	0.14	mg/l	EPA 200.7	10-25-2007 1629	DI
elenium, Total	<0.02	0.020	mg/l	EPA 200.7	10-30-2007 1635	GF
elenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	10-25-2007 1629	DI
ilver, Total	<0.002	0.002	mg/l	EPA 200.7	11-06-2007 1224	GF
ilver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	10-25-2007 1629	DI
olids, Total Dissolved	570	30	mg/l	EPA 160.1	10-29-2007 1450	DI
olids, Total Suspended	8	5	mg/l	EPA 160.2	10-29-2007 1450	DI
inc, Total	<0.004	0.004	mg/l	EPA 200.7	10-30-2007 1635	GF
inc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	10-25-2007 1629	DI

INCOMPLETE REPORT

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1510
SAMPLED 1140
NOTES:
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Darce Guymon

Date sampled: October 26, 2007

Date received: October 26, 2007

Analysis report no. 59-30701

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Aluminum, Total	<0.03	0.030	mg/l	EPA 200.7	10-30-2007 1635 GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	11-08-2007 1228 GF
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	11-06-2007 1224 GF
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Boron, Total	0.19	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Boron, Dissolved	0.19	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF
Calcium, Total	83.19	0.03	mg/l	EPA 200.7	10-30-2007 1635 GF
Calcium, Dissolved	83.19	0.03	mg/l	EPA 200.7	11-08-2007 1228 GF
Chromium, Total	0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Chromium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF
Copper, Total	0.02	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	10-30-2007 1635 GF
Iron, Total	3.24	0.050	mg/l	EPA 200.7	10-30-2007 1635 GF
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Magnesium, Total	47.29	0.01	mg/l	EPA 200.7	11-08-2007 1228 GF
Magnesium, Dissolved	47.29	0.01	mg/l	EPA 200.7	- -
Mercury, Total	xxxx	0.2	ug/l	EPA 245.1	- -
Mercury, Dissolved	xxxx	0.2	ug/l	EPA 245.1	
Nickel, Total	0.005	0.001	mg/l	EPA 200.7	11-06-2007 1224 GF
Nickel, Dissolved	0.004	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF

Respectfully submitted,
SGS NORTH AMERICA INC.

COMPLETE REPORT

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1510
SAMPLED 1140
NOTES:
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Darce Guymon

Date sampled: October 26, 2007

Date received: October 26, 2007

Analysis report no. 59-30701

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Nitrogen, Ammonia	0.1	0.1	mg/l as N	EPA 350.3	11-01-2007 0950 DI
Nitrogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	10-26-2007 1846 DI
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	10-26-2007 1846 DI
Oil & Grease	<2	2	mg/l	EPA 413.1	10-31-2007 0900 GF
Oxygen, Dissolved	5.94	----	mg/l	EPA 360.1	10-26-2007 1537 DI
pH	7.09	----	pH units	EPA 150.1	10-26-2007 1530 CDM
pH Sample Temp.	18.7	----	Deg C	EPA 150.1	10-26-2007 1530 CDM
Phosphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800 GF
Phosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800 GF
Potassium, Total	9.00	0.14	mg/l	EPA 200.7	10-30-2007 1635 GF
Potassium, Dissolved	9.00	0.14	mg/l	EPA 200.7	11-08-2007 1228 GF
Selenium, Total	<0.02	0.020	mg/l	EPA 200.7	10-30-2007 1635 GF
Selenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	11-08-2007 1228 GF
Silver, Total	<0.002	0.002	mg/l	EPA 200.7	11-06-2007 1224 GF
Silver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	11-08-2007 1228 GF
Solids, Total Dissolved	532	30	mg/l	EPA 160.1	10-29-2007 1450 DI
Solids, Total Suspended	<5	5	mg/l	EPA 160.2	10-29-2007 1450 DI
Zinc, Total	0.017	0.004	mg/l	EPA 200.7	11-06-2007 1224 GF
Zinc, Dissolved	0.015	0.004	mg/l	EPA 200.7	11-08-2007 1228 GF

INCOMPLETE REPORT

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1607
SAMPLED 1240
NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Richard Neilson/Darce Guymon

Date sampled: October 29, 2007

Date received: October 29, 2007

Analysis report no. 59-30705

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
Aluminum, Total	<0.03	0.030	mg/l	EPA 200.7	10-30-2007 1635 GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	11-08-2007 1228 GF
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	11-06-2007 1224 GF
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Boron, Total	0.20	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Boron, Dissolved	0.19	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF
Calcium, Total	83.52	0.03	mg/l	EPA 200.7	10-30-2007 1635 GF
Calcium, Dissolved	83.52	0.03	mg/l	EPA 200.7	11-08-2007 1228 GF
Chromium, Total	0.001	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Chromium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF
Copper, Total	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	11-08-2007 1228 GF
Iron, Total	3.34	0.050	mg/l	EPA 200.7	10-30-2007 1635 GF
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	10-30-2007 1635 GF
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228 GF
Magnesium, Total	47.59	0.01	mg/l	EPA 200.7	10-30-2007 1635 GF
Magnesium, Dissolved	47.59	0.01	mg/l	EPA 200.7	11-08-2007 1228 GF
Mercury, Total	xxxx	0.2	ug/l	EPA 245.1	- -
Mercury, Dissolved	xxxx	0.2	ug/l	EPA 245.1	- -
Nickel, Total	0.004	0.001	mg/l	EPA 200.7	10-30-2007 1635 GF
Nickel, Dissolved	0.004	0.001	mg/l	EPA 200.7	11-08-2007 1228 GF

Respectfully submitted,
SGS NORTH AMERICA INC.

INCOMPLETE REPORT

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1607
SAMPLED 1240
NOTES:
DIS.METALS
FILTERED @ LAB

Page 2 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Richard Neilson/Darce Guymon

Date sampled: October 29, 2007

Date received: October 29, 2007

Analysis report no. 59-30705

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Nitrogen, Ammonia	<0.1	0.1	mg/l as N	EPA 350.3	11-01-2007 0950	DI
Nitrogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	10-29-2007 1947	DI
Nitrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	10-29-2007 1947	DI
Oil & Grease	<2	2	mg/l	EPA 413.1	10-31-2007 0900	GF
Oxygen, Dissolved	5.30	----	mg/l	EPA 360.1	10-30-2007 0811	GF
pH	7.02	----	pH units	EPA 150.1	10-30-2007 0759	CDM
pH Sample Temp.	20.4	----	Deg C	EPA 150.1	10-30-2007 0759	CDM
Phosphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800	GF
Phosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800	GF
Potassium, Total	9.07	0.14	mg/l	EPA 200.7	10-30-2007 1635	GF
Potassium, Dissolved	9.07	0.14	mg/l	EPA 200.7	11-08-2007 1228	GF
Selenium, Total	<0.02	0.020	mg/l	EPA 200.7	10-30-2007 1635	GF
Selenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	11-08-2007 1228	GF
Silver, Total	<0.002	0.002	mg/l	EPA 200.7	11-06-2007 1224	GF
Silver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	11-08-2007 1228	GF
Solids, Total Dissolved	580	30	mg/l	EPA 160.1	11-05-2007 1400	GF
Solids, Total Suspended	7	5	mg/l	EPA 160.2	11-05-2007 1400	GF
Zinc, Total	<0.004	0.004	mg/l	EPA 200.7	11-06-2007 1224	GF
Zinc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	11-08-2007 1228	GF

INCOMPLETE REPORT

Respectfully submitted,
SGS NORTH AMERICA INC.

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1310
SAMPLED 1005
NOTES:
DIS.METALS
FILTERED @ LAB

Page 1 of 2

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Richard Neilson

Date sampled: October 31, 2007

Date received: October 31, 2007

Analysis report no. 59-30710

Parameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst	
Aluminum, Total	<0.03	0.030	mg/l	EPA 200.7	11-09-2007 0900	GF
Aluminum, Dissolved	<0.03	0.030	mg/l	EPA 200.7	11-08-2007 1228	GF
Arsenic, Total	<0.010	0.010	mg/l	EPA 200.7	11-09-2007 0900	GF
Arsenic, Dissolved	<0.010	0.010	mg/l	EPA 200.7	11-08-2007 1228	GF
Boron, Total	0.20	0.010	mg/l	EPA 200.7	11-09-2007 0900	GF
Boron, Dissolved	0.20	0.010	mg/l	EPA 200.7	11-08-2007 1228	GF
Cadmium, Total	<0.001	0.001	mg/l	EPA 200.7	11-09-2007 0900	GF
Cadmium, Dissolved	<0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228	GF
Calcium, Total	85.22	0.03	mg/l	EPA 200.7	11-09-2007 0900	GF
Calcium, Dissolved	85.22	0.03	mg/l	EPA 200.7	11-08-2007 1228	GF
Chromium, Total	0.001	0.001	mg/l	EPA 200.7	11-09-2007 0900	GF
Chromium, Dissolved	0.001	0.001	mg/l	EPA 200.7	11-08-2007 1228	GF
Copper, Total	<0.01	0.010	mg/l	EPA 200.7	11-09-2007 0900	GF
Copper, Dissolved	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228	GF
Iron, Dissolved	<0.03	0.030	mg/l	EPA 200.7	11-08-2007 1228	GF
Iron, Total	3.37	0.050	mg/l	EPA 200.7	11-09-2007 0900	GF
Lead, Total	<0.01	0.010	mg/l	EPA 200.7	11-09-2007 0900	GF
Lead, Dissolved	<0.01	0.010	mg/l	EPA 200.7	11-08-2007 1228	GF
Magnesium, Total	49.07	0.01	mg/l	EPA 200.7	11-09-2007 0900	GF
Magnesium, Dissolved	49.07	0.01	mg/l	EPA 200.7	11-08-2007 1228	GF
Mercury, Total	xxxx	0.2	ug/l	EPA 245.1	- -	
Mercury, Dissolved	xxxx	0.2	ug/l	EPA 245.1	- -	
Nickel, Total	0.005	0.001	mg/l	EPA 200.7	11-09-2007 0900	GF
Nickel, Dissolved	0.005	0.001	mg/l	EPA 200.7	11-08-2007 1228	GF

Respectfully submitted.
SGS NORTH AMERICA INC.

INCOMPLETE REPORT

Huntington Laboratory

SGS

November 9, 2007

PACIFICORP FIELD OFFICE
P.O. Box 1005
Huntington UT 84528 .

Sample identification by
PacifiCorp Field Office

ID:JC-3 @ Well Head

RECEIVED 1310
SAMPLED 1005
NOTES:
DIS.METALS
FILTERED @ LAB

Kind of sample reported to us: Water

Sample taken at: PacifiCorp

Sample taken by: Richard Neilson

Date sampled: October 31, 2007

Date received: October 31, 2007

Analysis report no. 59-30710

arameter	Result	MRL	Units	Method	Analyzed Date/Time/Analyst
itrogen, Ammonia	0.6	0.1	mg/l as N	EPA 350.3	11-01-2007 0950 DI
itrogen, Nitrate	<0.05	0.05	mg/l as N	EPA 300.0	11-01-2007 1224 DI
itrogen, Nitrite	<0.05	0.05	mg/l as N	EPA 300.0	11-01-2007 1224 DI
il & Grease	xxxx	2	mg/l	EPA 413.1	- -
xygen, Dissolved	9.52	----	mg/l	EPA 360.1	10-31-2007 0944 GF
H	7.16	----	pH units	EPA 150.1	10-31-2007 0756 CDM
H Sample Temp.	8.1	----	Deg C	EPA 150.1	10-31-2007 0756 CDM
hosphorous, Dissolved	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800 GF
hosphorous, Total	<0.05	0.05	mg/l as P	SM4500-P-B,E	11-02-2007 0800 GF
otassium, Total	9.23	0.14	mg/l	EPA 200.7	11-09-2007 0900 GF
otassium, Dissolved	9.23	0.14	mg/l	EPA 200.7	11-08-2007 1228 GF
elenium, Total	<0.02	0.020	mg/l	EPA 200.7	11-09-2007 0900 GF
elenium, Dissolved	<0.02	0.020	mg/l	EPA 200.7	11-08-2007 1228 GF
ilver, Total	<0.002	0.002	mg/l	EPA 200.7	11-09-2007 0900 GF
ilver, Dissolved	<0.002	0.002	mg/l	EPA 200.7	11-08-2007 1228 GF
olids, Total Dissolved	569	30	mg/l	EPA 160.1	11-05-2007 1400 GF
olids, Total Suspended	7	5	mg/l	EPA 160.2	11-05-2007 1400 GF
inc, Total	<0.004	0.004	mg/l	EPA 200.7	11-09-2007 0900 GF
inc, Dissolved	<0.004	0.004	mg/l	EPA 200.7	11-08-2007 1228 GF

Respectfully submitted,
SGS NORTH AMERICA INC.

INCOMPLETE REPORT

Huntington Laboratory