

0090

Canyon Fuel Company, LLC
Dugout Canyon Mine
P.O. Box 1029
Wellington, Utah 84542



October 23, 2006

Mr. D. Wayne Hedberg
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114-5801

Justin
C/007/0039

RE: Request for Location Coordinates of Water Monitoring Sites
Dugout Canyon Mine, Canyon Fuel Company, LLC, C/007/039, Carbon County, Utah

Dear Mr. Hedberg:

Attached please find location coordinates for a portion of the sites requested. As time becomes available we will continue to collect available coordinate information and submit it to the Division.

If you have any questions please call me at (435) 636-2869.

Sincerely yours,

Vicky S. Miller
Vicky S. Miller

cc: Dave Spillman
Chris Hansen

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OCT 23 2006

DIV. OF OIL, GAS & MINING

SUFCO Mine

□

Skyline Mines

□

Dugout / Soldier Canyon Mines



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

REC'D AUG 17 2006

August 10, 2006

Erwin Sass, General Manager
Canyon Fuel Company, LLC
P.O. Box 1029
Wellington, Utah 84542

Re: Request for Location Coordinates of Water Monitoring Sites

Dear Mr. Sass:

Pursuant to R645-301-722.300 and 400, and R645-301-731.211 and 222 of the Utah Coal Mining Rules, the Division of Oil, Gas and Mining is requesting all mines to submit location coordinates (northing, easting; also collar elevation for all wells) for all water sampling sites by September 29, 2006. This includes all sites used for baseline water data collection, and/or in the current water-monitoring plan. The coordinates should be in Universal Transverse Mercator (UTM NAD 27) coordinates. A list of sites without coordinate information is attached.

This data is necessary in order for us to accurately assess monitoring data, to approve amendments and to develop our CHIAS. When new sites are added, please include this data in the amendment.

If you have any questions, please call me at (801) 538-5286, or Dana Dean at (801) 538-5320.

Sincerely,

D. Wayne Hedberg
Permit Supervisor

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Banning Siding
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Well	TRUCK DUMP SUMP					Y

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DIV. OF OIL, GAS & MINING

Dugout
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Stream	DC-1	(G-11) DUGOUT CYN CK BL MINE (#5)			6960	Y
Stream	DC-2	(G-12) L FK DUGOUT CK AB M (#7)			7075	Y
Stream	DC-3	(G-13) R FK DUGOUT CK AB M (#6)				Y
Stream	DC-4	(G-14) L FK OF L FK DUGOUT CYN				Y
Stream	DC-5	(G-15) R FK OF L FK DUGOUT CYN				Y
Spring	SC-45	Colton				Y
Spring	SP-20	(SP-30) Flagstaff	624355	4400318		Y
Spring	SC-14	(14: S-14) North Horn	515656	4419135		Y
Spring	SC-80	Castlegate				Y
Well	GW-10-2	(10-2) qurtly water level	524737	4289313	6626	Y
UPDES Permit discharge point	UTG040020-SUM	Summary of DMR Sites				Y
Spring	SC-65	(65: S-65) Colton				Y
Spring	SC-100	(100: S-100) Flagstaff	524325	4402075		Y
Well	GW-19-1	(19-1)	510967	4395966	8254	N
Stream	PC-2	Lower Pace Creek				Y
Stream	DUGOUT CK IRR	Dugout Ck irrigation diversion to Pace C			5960	N
Stream	PACE CK #70				5960	N
Stream	CORBULA CK #72	DUGOUT/CORBULA CK #72			6010	N
Other: in mine, roof drippers	MD-1	Old Gilson Seam Mine, E. side of Cyn				Y
Spring	SC-116	North Horn				Y
Spring		200 North Horn				Y
Spring		203 North Horn	516382	4456891		Y
Spring		227 Castlegate				Y
Spring		259 North Horn				Y
Spring		260 Colton				Y
Stream	PC-1A	PACE CREEK ABOVE	508091	4457556		Y
Stream	RC-1	ROCK CREEK SOUTHERN EDGE OF PER				Y
UPDES Permit discharge point	UTG040020-003	Discharge from 30k gal. tank				Y
Well	DH-1	Adjacent to Dugout Cyn. Road			5871.04	Y
Well	DH-2	Adjacent to Waste Rock Access Rd.			5891.58	Y
Well	DH-3	Waste Rock Site, Near N. Permit Bndry			5942.86	Y
Stream	SS-1	S. of Waste Rock Site near Dugout Cyn Rd				Y
Stream	SS-2	SW of Waste Rock Site, outside Permit				Y
UPDES Permit discharge point	UTG040020-004	Sed. Pond @ Waste Rock Site				Y
Stream	FAN					Y
Spring	SC-11	Flagstaff				N
Spring	SC-12	Flagstaff	537649	4394291		N
Spring	SC-13	Flagstaff				N
Spring	SC-15	North Horn	537313	4394205		N
Spring	SC-16	North Horn	537159	4394029		N
Spring	SC-17	North Horn	536474	4393867		N
Spring	SC-18	North Horn				N

Dugout
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Spring	SC-41	Flagstaff	538387	4395261		N
Spring	SC-41A	Flagstaff				N
Spring	SC-46	Colton				N
Spring	SC-50	Colton	541573	4395536		N
Spring	SC-58	Flagstaff				N
Spring	SC-59	Flagstaff				N
Spring	SC-61	Blackhawk				N
Spring	SC-62	Blackhawk				N
Spring	SC-64	Starpoint				N
Spring	SC-81	Castlegate				N
Spring	SC-82	Flagstaff				N
Spring	SC-83	Flagstaff				N
Spring	SC-84	Flagstaff				N
Spring	SC-85	Flagstaff				N
Spring	SC-86	Flagstaff				N
Spring	SC-87	North Horn				N
Spring	SC-88	Flagstaff				N
Spring	SC-89	Flagstaff				N
Spring	SC-90	North Horn				N
Spring	SC-91	North Horn				N
Spring	SC-92	North Horn				N
Spring	SC-92A	North Horn				N
Spring	SC-93	North Horn				N
Spring	SC-94	North Horn				N
Spring	SC-95	North Horn				N
Spring	SC-96	North Horn				N
Spring	SC-97	North Horn				N
Spring	SC-98	North Horn				N
Spring	SC-99	Colton	541439	4395461		N
Spring	SC-101	Flagstaff	540916	4395284		N
Spring	SC-102	North Horn				N
Spring	SC-103	Flagstaff	539403	4394849		N
Spring	SC-104	Flagstaff				N
Spring	SC-105	Flagstaff				N
Spring	SC-106	North Horn				N
Spring	SC-107	North Horn				N
Spring	SC-108	North Horn				N
Spring	SC-109	Flagstaff				N
Spring	SC-110	Flagstaff	515002	4462129		N
Spring	SC-111	Flagstaff				N
Spring	SC-112	Flagstaff				N
Spring	SC-113	Flagstaff				N

Dugout
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Spring	SC-114	Flagstaff				N
Spring	SC-115	Flagstaff				N
Spring		201 North Horn				N
Spring		202 Castlegate				N
Spring		204 North Horn	515696	4157753		N
Spring		205 North Horn	517068	4456769		N
Spring		206 North Horn	519438	4462633		N
Spring		207 North Horn				N
Spring		208 North Horn				N
Spring		209 North Horn	520453	4945246		N
Spring		210 Colton				N
Spring		211 Colton				N
Spring		212 Colton				N
Spring		213 Colton				N
Spring		214 Colton				N
Spring		226 North Horn				N
Spring		228 Price River				N
Spring		258 Flagstaff				N
Spring		261 Colton				N
Spring		262 Colton				N
Spring		263 Colton				N
Spring	SP-2	North Horn				N
Spring	SP-3	Flagstaff				N
Spring	SP-4	Flagstaff	533069	4405724		N
Spring	SP-7	Flagstaff				N
Spring	SP-8	Flagstaff	535064	4396885		N
Spring	SP-9	Flagstaff	536063	4396678		N
Spring	SP-10	North Horn				N
Spring	SP-11	North Horn	528293	4904387		N
Spring	SP-12	North Horn				N
Spring	SP-13	North Horn				N
Spring	SP-15	Flagstaff				N
Spring	SP-16	North Horn				N
Spring	SP-17	Flagstaff				N
Spring	SP-18	Flagstaff				N
Spring	SP-19	Flagstaff				N
Spring	SP-21	Flagstaff	438021	4396141		N
Spring	SP-22	Flagstaff	538270	4395670		N
Spring	G-95	Flagstaff				N
Spring	G-96	Colton				N
Spring	G-97	Flagstaff				N
Spring	G-100	Blackhawk				N

Dugout
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Stream	G-1	Soldier Creek	512984	2255702		N
Stream	G-2	Pine Creek	506492	2262110		N
Stream	G-3	Pine Creek	506485	2252630		N
Stream	G-4	Soldier Creek	506463	2251954		N
Stream	G-5	Soldier Creek	497533	2249009		N
Spring	SC-117					N
Well	GW-11-2	(11-2) qurtly water level	539887	4395003	8204	Y
Well	GW-24-1	(24-1) qurtly water level	541569.8	4392083	8416	N

Soldier Canyon
Sites Without Coordinate Information

Site Type	Site Name	Description	UTM-X	UTM-Y	Elevation	Active?
Stream	G-1	PINE CK (removed from monitoring schedule)	512 984	2255 702		N
Lake; Sediment Pond; Stagnant water	ANDERSON RESERV	ANDERSON RESERVOIR				N
Well	UG-11E	IN-MINE				N
Well	MW-1C	WELL	482 841	224 2287	6066.4	N
Well	MW-1M	WELL	483 179	224 2546	6066.4	N
Well	MW-2M	WELL	483 930	224 4193	6139.6	N
Well	MW-3M	WELL	485 015	224 2518	6230.1	N
Spring	SPRING 6	(CC-57)	497 597	224 3552	6720	N
UPDES Permit discharge point	UT0023680-004	MINE WATER Q NO REFERENCE AT ALL TO THIS DISCHARGE POINT EVER				N EXISTING
Stream	18-2	SOLDIER CK BL MINE PROPERTY (~ 500'				N
Stream	G-7	(G-4, E-22) SOLDIER CK AB MINE PROPE			6995	N
Other: in mine, roof drippers	UG-1N	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-2N	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-3N	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-3W	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-3N BELT	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-10E	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-ME	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-SHAFT	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-2N2E	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-3N8E	IN-MINE GROUND WATER				N
Other: in mine, roof drippers	UG-MN3W	IN-MINE GROUND WATER				N
Stream	G-6	(proposed to replace G-1 (2 miles upstm)				Y
Stream	G-8	(removed from monitoring schedule 6/99)				N
Stream	G-9		492 946	4451 080		N
Stream	G-10	(CC-5)				N
Spring		23 (S-23) or (CC-36) Spring				N
Spring		24 (S-24) or (CC-40) Spring				N
Stream	G-3	Pine Ck Station #23	506 485	225 2630	6995	N
Stream	Fish Creek #21				7520	N
Spring	SPRING 22					N
Spring	SPRING G-95					N
Stream	LTTL PINE CK 37	LITTLE PINE CREEK #37			7440	N
Stream	SOLDIER CK #68	SOLDIER CREEK #68			5765	N
Stream	G-7	Blackhawk Formation and Creek Flows				N
Stream	G-7	Junction of S. Creek, Pine Cyn.				N