

July 1, 2006

Ms. Liz Niemtschik  
Xcel Energy  
550 - 15th Street, Suite 700  
Denver, CO 80202

**Re: ESN Project No. 0126.27; PSCC Leyden Gas Storage Facility  
May 2006 Quarterly Soil Gas Sampling Event**

Dear Ms. Niemtschik:

Enclosed is the summary data report for the May 2006 quarterly (2<sup>nd</sup> quarter) soil gas monitoring event at the PSCC Leyden Gas Storage Facility. A copy of the report from the 305-S Corporation (c/o Tarco Inc., formerly Eldorado Hills) Spring Mesa property quarterly monitoring will be sent under separate cover, as per your agreement with 305-S Corporation (Eldorado Hills.) Copies of the reports will also be sent to the City of Arvada.

On April 18<sup>th</sup> and 19<sup>th</sup>, four of the soil gas monitoring wells were re-installed due to construction activities and other damage. Three of the wells were located on the boarder of the Spring Mesa development in NW 1/4 section 35. These wells were originally on the north side of the fence line, but construction activities has appeared to have relocated the property line father north, and the wells were destroyed during grading activities. This includes monitoring wells SVW-17, 18 and 19. SVW-24 in SW section 22 was also destroyed but the cause was unknown. It appeared there might have been some drainage work done in the area.

The soil gas monitoring wells were sampled between May 1<sup>st</sup> and 9<sup>th</sup>. During this round of sampling, all of the wells recovered soil gas except for a single monitoring well, SVW-13, which pulled a vacuum when sampling was attempted and could not be sampled. Clays around the well bore may have become saturated and plugged pore spaces around the well screen. All other wells could be sampled including the wells that were reinstalled a few weeks earlier.

Each soil gas monitoring well has a valve on the outlet that remains closed (except for sampling) to prevent communication with atmosphere. Before sampling, soil gas monitoring wells are purged using infrared gas meter to measure CO<sub>2</sub>, O<sub>2</sub>, and CH<sub>4</sub> before sampling. This is measured to determine when the purge gas has stabilized and a sample can be collected. The final stable gas readings are recorded on the field log. A sample is then collected using a peristaltic pump with clean tubing and pumped into a 1-liter Tedlar gas-sampling bag after flushing the bag with the soil gas.

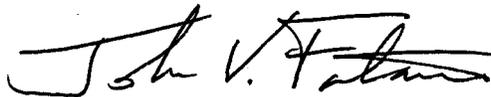
A total of 75 soil gas-monitoring wells are installed around the perimeter of the Leyden Gas Storage Facility. Except where mentioned above, soil gas samples were collected in 1-liter Tedlar gas bags from all the wells. Including field QC samples (field duplicates, ambient air and trip blanks), a total of 90 samples were submitted for analysis of C<sub>1</sub>-C<sub>6</sub> range hydrocarbons to ESN's laboratory. A summary lab data report with the sorted sample analysis and associated quality control samples is attached. The full laboratory report and narrative is archived in our office files.

The analysis of the soil gas wells shows only ambient levels or less of methane and non-detect to trace levels of other gas components. Methane in the samples ranged from non-detect to 3.6ppm, except for SVW-52. This well had over 200ppm of methane in the previous quarter. The low values of methane are typical in soils where methanotrophic (methane consuming) bacteria actually consume some of the ambient methane. All of the samples contained methane concentrations near or less than the typical ambient air sample (2 to 4 ppm) collected during this monitoring event. The ambient air samples collected during this event contained 1.8ppm to 2.1ppm of methane. Lab duplicates and trip blanks were all within acceptable ranges.

SVW-52 contained 107 ppm of methane and no other components. The hydrocarbon gas is composed of was 100% methane, clearly indicating a biogenic source in the soil, as seen in this well before. The field gas meter also indicated high CO<sub>2</sub> and low O<sub>2</sub> levels, also confirming methanogenic (methane generating) bacterial activity for the source of the gases. If this had been storage gas, the gas analysis would have easily detected concentrations of ethane, propane and butane associated with this level of methane.

If you have any questions regarding this report or the data included, please feel free to give us a call.

Sincerely,



John V. Fontana  
Vice President

Final Data

CLIENT: PSCC-XCEL						C <sub>1</sub> -C <sub>6</sub> Hydrocarbons by FID Gas Chromatography												
CLIENT PROJECT NO.: ESN PROJECT NO.: 0126.27 LIMS NO.: 605003 PROJECT NAME: Leyden Quarterly Monitoring - May 2006																		
						GAS CONCENTRATIONS BY VOLUME (Parts-per-Million by Volume)												
ESN ID	Client ID	Sample Date	Receive Date	Analysis Date	Data Notes*	Methane	Ethane	Ethene	Propane	Propene	iButane	nButane	Butene	iPentane	nPentane	Pentene	iHexane	nHexane
0605003-073	DH03E	05/09/06	05/09/06	05/10/06		0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-072	DH03N	05/09/06	05/09/06	05/10/06		1.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-074	DH03S	05/09/06	05/09/06	05/10/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-075	DH03S Duplicate	05/09/06	05/09/06	05/10/06	FD	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-076	DH03W	05/09/06	05/09/06	05/10/06		0.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-068	DH06E	05/09/06	05/09/06	05/10/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-069	DH06N	05/09/06	05/09/06	05/10/06		0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-071	DH06S	05/09/06	05/09/06	05/10/06		0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-070	DH06W	05/09/06	05/09/06	05/10/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-080	DH07E	05/09/06	05/09/06	05/10/06		0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-081	DH07N	05/09/06	05/09/06	05/10/06		0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-083	DH07S	05/09/06	05/09/06	05/10/06		0.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-082	DH07W	05/09/06	05/09/06	05/10/06		1.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-087	DH08E	05/09/06	05/09/06	05/10/06		0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-085	DH08N	05/09/06	05/09/06	05/10/06		0.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-084	DH08S	05/09/06	05/09/06	05/10/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-086	DH08W	05/09/06	05/09/06	05/10/06		0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-064	DH09E	05/08/06	05/08/06	05/09/06		0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-066	DH09N	05/08/06	05/08/06	05/09/06		1.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-066LD	DH09N	05/08/06	05/08/06	05/09/06	LD	1.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-065	DH09S	05/08/06	05/08/06	05/09/06		0.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-063	DH09W	05/08/06	05/08/06	05/09/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-088	DH10E	05/09/06	05/09/06	05/10/06		1.86	ND	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-077	DH10N	05/09/06	05/09/06	05/10/06		0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-089	DH10S	05/09/06	05/09/06	05/10/06		0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-089	DH10S	05/09/06	05/09/06	05/10/06	LD	0.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-078	DH10W	05/09/06	05/09/06	05/10/06		0.60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-079	DH10W Ambient	05/09/06	05/09/06	05/10/06	Air	2.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-034	SVW01	05/03/06	05/03/06	05/04/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-035	SVW02	05/03/06	05/03/06	05/04/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-036	SVW03	05/03/06	05/03/06	05/04/06		0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-037	SVW04	05/03/06	05/03/06	05/04/06		0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-037LD	SVW04	05/03/06	05/03/06	05/04/06	LD	0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-010	SVW06	5/1/06	5/1/06	5/2/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-011	SVW07	5/1/06	5/1/06	5/2/06		0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-012	SVW08	5/1/06	5/1/06	5/2/06		0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-013	SVW09	5/1/06	5/1/06	5/2/06		0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-041	SVW10	05/04/06	05/04/06	05/05/06		0.12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-042	SVW11	05/04/06	05/04/06	05/05/06		0.59	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	SVW13	05/02/06				No sample collected, tight, pulled vacuum trying to sample.												
0605003-022	SVW14	5/2/06	5/2/06	5/3/06		2.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

### Final Data

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ESN ID	Client ID	Sample Date	Receive Date	Analysis Date	Data Notes*	Methane	Ethane	Ethene	Propane	Propene	iButane	nButane	Butene	iPentane	nPentane	Pentene	iHexane	nHexane
0605003-022LD	SVW14	05/02/06	05/02/06	05/03/06	LD	2.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-017	SVW15	5/2/06	5/2/06	5/3/06		3.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-018	SVW16	5/2/06	5/2/06	5/3/06		0.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-023	SVW16 Ambient	5/2/06	5/2/06	5/3/06	Air	1.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-025	SVW16 Dup	05/02/06	05/02/06	05/03/06	FD	0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-019	SVW17	5/2/06	5/2/06	5/3/06		3.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-020	SVW18	5/2/06	5/2/06	5/3/06		3.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-021	SVW19	5/2/06	5/2/06	5/3/06		3.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-043	SVW20	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-044	SVW21	05/04/06	05/04/06	05/05/06		0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-045	SVW22	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-046	SVW23	05/04/06	05/04/06	05/05/06		0.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVW23 Ambient	SVW23 Ambient	05/04/06	05/04/06	05/05/06	Air	2.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-047	SVW24	05/04/06	05/04/06	05/05/06		0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-048	SVW25	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-055	SVW25 Dup	05/04/06	05/04/06	05/05/06	FD	0.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-049	SVW26	05/04/06	05/04/06	05/05/06		0.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-050	SVW27	05/04/06	05/04/06	05/05/06		0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-051	SVW28	05/04/06	05/04/06	05/05/06		0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-052	SVW29	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-053	SVW30	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-054	SVW31	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-060	SVW32	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-060LD	SVW32	05/04/06	05/04/06	05/05/06	LD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-033	SVW33	05/03/06	05/03/06	05/04/06		0.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-039	SVW33 Ambient	05/03/06	05/03/06	05/04/06	Air	2.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-040	SVW34	05/04/06	05/04/06	05/05/06		0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-058	SVW35	05/04/06	05/04/06	05/05/06		0.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-059	SVW36	05/04/06	05/04/06	05/05/06		0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-057	SVW37	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-056	SVW38	05/04/06	05/04/06	05/05/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-028	SVW39	05/03/06	05/03/06	05/04/06		0.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-029	SVW40	05/03/06	05/03/06	05/04/06		0.57	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-030	SVW41	05/03/06	05/03/06	05/04/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-031	SVW41 Dup	05/03/06	05/03/06	05/04/06	FD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-032	SVW42	05/03/06	05/03/06	05/04/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-027	SVW43	05/03/06	05/03/06	05/04/06		0.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-026	SVW44	05/03/06	05/03/06	05/04/06		1.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-001	SVW45	5/1/06	5/1/06	5/2/06		0.68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-002	SVW46	5/1/06	5/1/06	5/2/06		1.83	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
0605003-003	SVW47	5/1/06	5/1/06	5/2/06		1.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Final Data

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CLIENT PROJECT NO.: ESN PROJECT NO.: 0126.27 LIMS NO.: 605003 PROJECT NAME: Leyden Quarterly Monitoring - May 2006						GAS CONCENTRATIONS BY VOLUME (Parts-per-Million by Volume)													
ESN ID	Client ID	Sample Date	Receive Date	Analysis Date	Data Notes*	Methane	Ethane	Ethene	Propane	Propene	iButane	nButane	Butene	iPentane	nPentane	Pentene	iHexane	nHexane	
0605003-004	SVW48	5/1/06	5/1/06	5/2/06		0.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-015	SVW48 Ambient	5/1/06	5/1/06	5/2/06	Air	1.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-014	SVW48 Dup	5/1/06	5/1/06	5/2/06	FD	0.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-005	SVW49	5/1/06	5/1/06	5/2/06		0.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-006	SVW50	5/1/06	5/1/06	5/2/06		0.15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-007	SVW51	5/1/06	5/1/06	5/2/06		1.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-008	SVW52	5/1/06	5/1/06	5/2/06		107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-009	SVW53	5/1/06	5/1/06	5/2/06		1.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-016	Trip Blank	5/1/06	5/1/06	5/2/06	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-024	Trip blank	5/2/06	5/2/06	5/3/06	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-038	Trip Blank	5/3/06	5/3/06	5/4/06	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	Trip Blank	5/4/06	5/4/06	5/5/06	TB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-067	Trip Blank	5/8/06	5/8/06	5/9/06	TB	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
0605003-090	Trip Blank	5/9/06	5/9/06	5/10/06	TB	0.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
<b>DETECTION LIMITS:</b>						0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	
<b>*ABBREVIATIONS</b> TB = Trip Blank MB = Method Blank TB = Trip Blank						<b>DATA FLAGS</b> j = an estimated concentration outside the calibration range of the method b = analyte also appeared in the associated method blank for this sample													
FD = Field Duplicate      D = Dilution LD = Laboratory Duplicate LS = Laboratory Spike																			