

D.C. Dozer Service LLC
1403 Fillmore Street
Sterling, CO 80751
troutman0231@msn.com

October 31, 2020

Mr. Robert Young
Colorado Oil and Gas Conservation Commission
1120 Lincoln Street, STE 801
Denver, CO 80203

Re: Pit Closure Summary Letter Report
Schneider Energy Services Inc. - Operator # 76840
Nugget Unit Pit
Remediation Project: 8703
Facility ID: 101973
Legal: SESW Sec 20-1S-R56W

Dear Mr. Young:

On behalf of Schneider Energy Services Inc., D.C. Dozer Service has prepared this Pit Closure Summary Letter Report to document closure activities at the Nugget Unit Pit (Facility ID 101973).

Pit Closure Activities

Closure activities were initiated on September 17, 2020. The south berm, along with the skim pit berms were backfilled first, followed by the east and west berms burying all inorganic impacted soil below 3 feet from surface. The north wall was placed on top as its pH level was just a hair over standards and with some extra topsoil being mixed in as the backfill took place, we believed the soil would dilute enough to bring it into table 910 -1 standards. Ten loads of topsoil were then hauled in from a near by blown in fence line to bring the disturbed area up to grade. The entire disturbed area was then cross ripped to alleviate compaction and final graded

Nine (9) confirmation soil samples were collected from a grid formed out across the pit from a depth of 0 to 6 inches. The soil samples were submitted to American Agricultural Lab in McCook, Nebraska for analysis of pH, SAR, EC, Na, Mg, and Ca. Results confirmed all samples were within table 910 - 1 standards.

All disturbed areas were then ripped once again to leave for the farmer being in a workable field.

Conclusions

Analytical results described herein confirm that inorganic impacts are no longer present at concentrations above Table 910 standards at the Nugget Pit. Therefore, Schneider Energy Services Inc. requests the COGCC closure of the Nugget Unit Pit location (Facility ID 101973).

Please contact me at (970) 580 - 0062 if you have any questions or need additional information regarding this project.

Sincerely,

Todd Troutman
D.C. Dozer Service
(970) 580 - 0062

Attached:

Soil Inorganics Analytical Results Summary Table

Sample Location Map

Nugget Pit Closure Photo Log

Schneider Energy Services Inc.
Nugget Unit Tank Battery
SESW SEC 20 1S 56W
Inorganic Confirmation Samples Comparison Chart
Samples taken 09/21/2020

Sample Name	Tested For	Test Result	Cogcc Max Concentration Level
Northwest CS	pH SAR EC Calcium Magnesium Sodium	7.7 10.36 2.40 mmhos/cm 15.94 me/L 3.91 me/L 32.64 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
North CS	pH SAR EC Calcium Magnesium Sodium	8.4 10.68 3.94 mmhos/cm 7.10 me/L 2.04 me/L 22.83 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
Northeast CS	pH SAR EC Calcium Magnesium Sodium	8.3 11.02 4.88 mmhos/cm 15.57 me/L 4.00 me/L 34.47 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
East CS	pH SAR EC Calcium Magnesium Sodium	8.7 11.78 3.18 mmhos/cm 8.13 me/L 2.15 me/L 26.70 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
Middle CS	pH SAR EC Calcium Magnesium Sodium	8.5 10.95 3.48 mmhos/cm 12.65 me/L 3.40 me/L 31.01 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
West CS	pH SAR EC Calcium Magnesium Sodium	8.8 10.49 4.66 mmhos/cm 3.52 me/L 1.27 me/L 16.23 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
Southwest CS	pH SAR EC Calcium Magnesium Sodium	8.9 11.05 3.72 mmhos/cm 4.37 me/L 1.40 me/L 18.76 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm

Schneider Energy Services Inc.
 Nugget Unit Tank Battery
 SESW SEC 20 1S 56W
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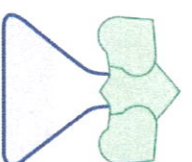
South CS	pH SAR EC Calcium Magnesium Sodium	8.5 11.91 3.68 mmhos/cm 13.06 me/L 3.27me/L 34.03 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm
Southeast CS	pH SAR EC Calcium Magnesium Sodium	8.4 10.84 2.98 mmhos/cm 15.61 me/L 4.41 me/L 34.29 me/L	pH - 6 – 9 SAR - < 12 EC - < 4 mmhos/cm

American Agricultural Laboratory, Inc.

700 West D Street / PO Box 370 / McCook, Nebraska 69001

Office: 308-345-3670 / FAX: 308-345-7880

www.AmAgLab.com



20423

DC DOZER SERVICE

1403 FILLMORE ST

STERLING CO 80751

NAME : NUGGET BATTERY REMEDIATION

DATE RECEIVED: 09/23/2020

DATE REPORTED: 09/25/2020

SOIL TEST RESULTS

LAB NUMBER	FIELD IDENTIFICATION	SAMPLE IDENTIFICATION	pH			EL	SOLUBLE		OM	NITRATE-N (FIA)		PHOSPHORUS				
			Depth	1 : 1 Soil	Buffer Woodruff		mod. SP	LOI		ppm	lbs/A	P1	Bicarb	P2	M2	M3
3274329	NORTHWEST CS		0-8	7.7		N	2.40									
3274330	NORTH CS		0-8	8.4		H	3.94									
3274331	NORTHEAST CS		0-8	8.3		H	4.88									
3274332	EAST CS		0-8	8.7		H	3.18									
3274333	MIDDLE CS		0-8	8.5		H	3.48									
3274334	WEST CS		0-8	8.8		H	4.66									

LAB NUMBER	SULFATE-S Ca-P ppm	NH4OAc (Exchangeable)					DTPA					BORON Sorbitol ppm	EST. CATION EXCHANGE CAPACITY (CEC) me/100g	% SATURATION				
		K ppm	Ca ppm	Mg ppm	Na ppm	Zn ppm	Fe ppm	Mn ppm	Cu ppm	BASE	H			Ca	Mg	K	Na	
3274329												1.4						
3274330												4.7						
3274331												3.8						
3274332												4.0						
3274333												4.0						
3274334												5.4						

LAB NUMBER	SOLUBLE (SAT. EXT.)			SODIUM ADSORPTION RATIO (SAR)	EXCH. SODIUM PERCENT (ESP)	GYPSUM REQ T/A	PARTICLE SIZE ANALYSIS					CHLORIDE		EXCH. NH4-N		ALUMINUM	TOTAL N
	Ca me/L	Mg me/L	Na me/L				SAND %	SILT %	CLAY %	SOIL TEXTURE	ppm	lbs/A	ppm	lbs/A	ppm		
3274329	15.94	3.91	32.64	10.36													
3274330	7.10	2.04	22.83	10.68													
3274331	15.57	4.00	34.47	11.02													
3274332	8.13	2.15	26.70	11.78													
3274333	12.65	3.40	31.01	10.95													
3274334	3.52	1.27	16.23	10.49													

SUGGESTED FERTILIZER RECOMMENDATIONS

LAB NUMBER	FIELD IDENTIFICATION	SAMPLE IDENTIFICATION	CROP TO BE GROWN	YIELD	N	P2O5	K2O	S	Zn	MgO	Fe	Mn	Cu	B	CI	LIME REC
3274329	NORTHWEST CS									lbs/A						60% ECCE T/A
3274330	NORTH CS															
3274331	NORTHEAST CS															
3274332	EAST CS															
3274333	MIDDLE CS															
3274334	WEST CS															

Analysis By: American Agricultural Lab

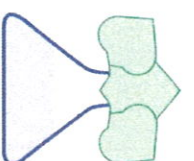
Recommendations By: American Agricultural Lab

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SOIL TEST RESULTS

LAB NUMBER	FIELD IDENTIFICATION	SAMPLE IDENTIFICATION	pH			EL	SOLUBLE SALTS		OM	NITRATE-N (FIA)		PHOSPHORUS				
			Depth	1 : 1	Buffer		mod. SP	LOI		ppm	lbs/A	P1	Bicarb	P2	M2	M3
3274335	SOUTHWEST CS		0-8	8.9		H	3.72									
3274336	SOUTH CS		0-8	8.5		H	3.68									
3274337	SOUTHEAST CS		0-8	8.4		H	2.98									

LAB NUMBER	SULFATE-S	NH4OAc (Exchangeable)					DTPA				BORON	EST. CATION EXCHANGE CAPACITY (CEC)	% SATURATION				
		Ca-P	K	Ca	Mg	Na	Zn	Fe	Mn	Cu			BASE	H	Ca	Mg	K
3274335		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	me/100g					
3274336											5.8						
3274337											3.8						
											4.1						

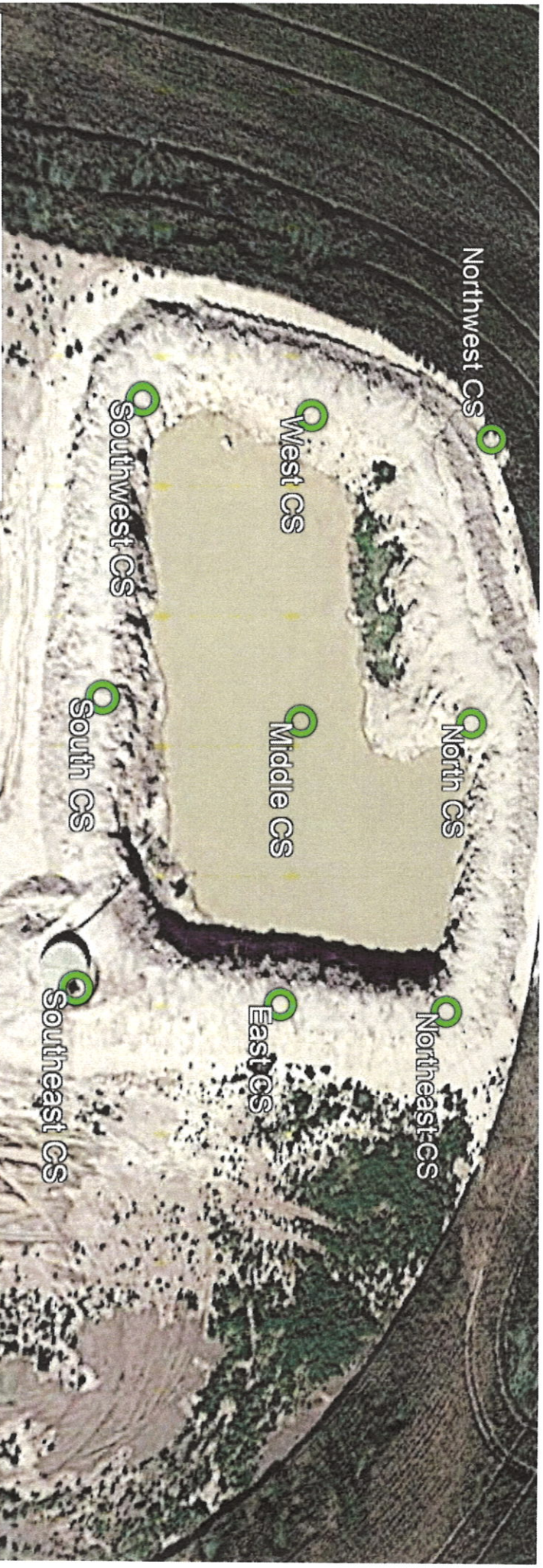
LAB NUMBER	SOLUBLE (SAT. EXT.)			SODIUM ADSORPTION RATIO (SAR)	EXCH. SODIUM PERCENT (ESP)	GYPSUM REQ T/A	PARTICLE SIZE ANALYSIS			SOIL TEXTURE	CHLORIDE		EXCH. NH4-N		ALUMINUM	TOTAL N
	Ca	Mg	Na				SAND	SILT	CLAY		ppm	lbs/A	ppm	lbs/A		
3274335	me/L	me/L	me/L				%	%	%						ppm	%
3274336	4.37	1.40	18.76	11.05												
3274337	13.06	3.27	34.03	11.91												
	15.61	4.41	34.29	10.84												

SUGGESTED FERTILIZER RECOMMENDATIONS

LAB NUMBER	FIELD IDENTIFICATION	SAMPLE IDENTIFICATION	CROP TO BE GROWN	YIELD	N	P2O5	K2O	S	Zn	MgO	Fe	Mn	Cu	B	Cl	LIME REC
3274335	SOUTHWEST CS									lbs/A						60% ECCE
3274336	SOUTH CS															T/A
3274337	SOUTHEAST CS															

Analysis By: American Agricultural Lab

Recommendations By: American Agricultural Lab



Nugget Unit Tank Battery
Schneider Energy Services
SESW Sec 20 1S 56W
Washington County

Legend

- Inorganic Confirmation Samples
- Nugget Unit Tank Battery

Nugget Unit Tank Battery

Nugget Unit Tank Battery and Pit Closure

Photo Log

Pit and Tank Battery Area Final Graded looking Southeast



Pit and Tank Battery Area Final Grade looking Southwest



Pit and Tank Battery Final Grade looking West



Pit and Tank Battery Ripped looking West



Pit and Tank Battery Ripped looking North



Cross ripped area across the Pit and Tank Battery looking South

