

September 22, 2022

Mr. David Olson Streets of West Pryor, LLC 7200 W 132nd Street, #150 Overland Park, Kansas 66213

Re: Long-Term Monitoring Plan Survey Points REVISED

Lots 7A (Area A), 7B (Area C), and 7C (Area B) Mine Remediation at Streets of West Pryor

Lee's Summit, Missouri

Geotechnology Project No. J035637.02

Dear Mr. Olson,

This letter transmits the revised results of settlement monitoring performed on the portions of the Streets West of Pryor project for September 2022. This report has been updated with corrected information provided by the surveyor as documented on the updated Figure 2. For this monitoring period, monitoring of potential ground movements has been accomplished using a combination of surface monitoring points (SMPs) and survey points established on sanitary and storm sewer inlets and/or manholes. These points continue to be surveyed by BHC, Inc. SMP C106 continues to be covered with fill, and SMP C109 has since been covered by construction equipment during the time of the survey. Therefore, no data was recorded at the location. Additional data points will be added to the monitoring record, as they are collected, and updated results of settlement monitoring will be provided.

Attached to this letter is the updated data for SMPs as shown on the attached Table 1 and graphic plots. Current survey readings were obtained on September 14, 2022 in general accordance with the Long Term Monitoring Plan (LTMP). Table 1 documents the monitoring events to date. Exhibit 1 presents the graphic plots that depict the data obtained in relation to elapsed time. Initial installation methods of sleeved rod monuments did not result in the intended design. It is anticipated that the correct installation methods are scheduled to be completed by the end of September. Preliminary locations are under review for potential conflicts with potential future construction.

As of the current set of data, the monitoring results do not indicate that settlement has exceeded the limits established in the LTMP. Therefore, the planned readings will continue every two months for the duration of surface construction. The following attachments are included for the current results of the LTMP:

Figure 1 - Monitoring Plan Locations
Figure 2 - Monitoring Results from BHC

Table 1 - Monitoring Point Displacement Summary

Exhibit 1 - Monitoring Point Graphic Plots



* * * *

We appreciate the opportunity to provide geotechnical services for this project. If you have a question regarding this letter, or if we may be of additional service to you, please contact the undersigned.

Respectfully submitted,

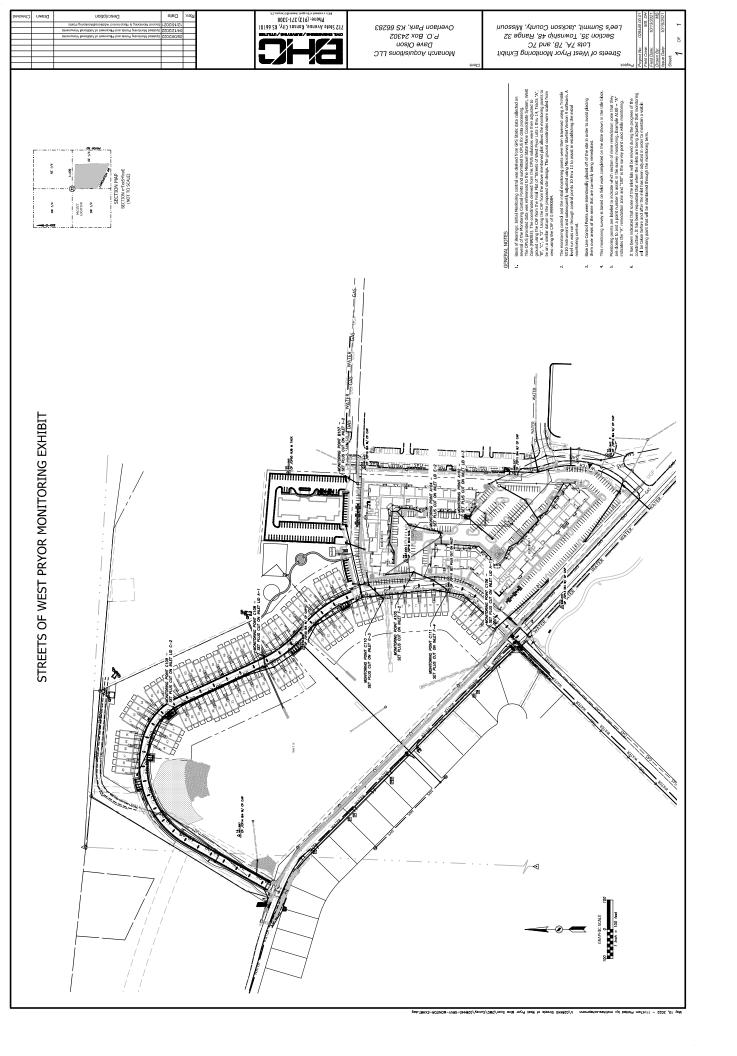
GEOTECHNOLOGY, LLC

Tanner N. Merz, E.I.

Engineer

TNM/ALP

Andrea Prince, P.G. Senior Project Manager



Initial Monitoring Point Locations Points Set Oct. 12, 2021

First Monitoring Results Dec. 12, 2021

Note: Differences Below Between Oct. 12, 2021 & Dec. 12, 2021

Point #	Northing	Easting	Elevation	Location	Point #	Northing Difference	Easting Difference	Elevation <u>Difference</u>	Observed <u>Location</u> <u>Elevation</u>	Location	
	1006796.43	2812899.00	992.88	Inlet	2100	-0.03	0.01	0.04	992.84		
	1006763.01	2812554.02	982.86	Inlet B-1	2101	-2.90	-2.00	0.01	982.87		
	1006414.57	2812733.04	987.35	Inlet A-3	2102	1.55	-5.17	-0.02	987.33		
	1006322.29	2812351.55	988.07	Inlet A-1			See Note Below	Selow			
					104	1006511.50	2812680.58	987.40		Inlet E-2	
	Value Greater than 0.08'	an 0.08'			105	1006601.94	2812547.13	986.35		Inlet F-2	
					106	1006319.59	2812353.76	988.24		Inlet A-1	
	Value Greater than 0.04'	an 0.04'									
NAME OF	Value Greater than 0.02'	an 0.02'			8.	Note: Lid rep	Note: Lid replaced and mark removed on Inlet A-1	k removed on	Inlet A-1		
								O TOT TOT O	אט מוט ווטא		



or replacement monitoring points on the site. Inlet Lids on Structures B-1 and A-3 have been adjusted since the initial monitoring. The new location of points will now be monitored.

Point's 100-103 are monitoring points as shown on the exhibit.

Monitoring Point #100 is on an Inlet @ NE Corner of Site

Note: Point's 10-14 on previous exhibits are Control Point's for monitoring and have been removed to simplify exhibit.

Note: The certification on this exhibit is to verify that the horizontal and vertical positions not certifying any reason or cause for the differences in the locations or elevations. does not intend to show anything other what is shown on the exhibit. We are shown hereon were collected under my direct supervision. This certification

Second Monitoring Results Feb. 4, 2022

Note: Differences Below Between Oct. 12, 2021 & Feb. 4, 2022 (Point 100) Dec. 12, 2021 & Feb. 4, 2022 (Points 101, 102, & 104-106)

Third Monitoring Results
3/2/2022
Note: Differences Below Between

Oct. 12, 2021 & March 2, 2022 (Point 100) Dec. 12, 2021 & March 2, 2022 (Points 101, 102, & 104-106)

Location	Inlet	Inlet B-1	Inlet A-3	Inlet E-2	Inlet F-2	Inlet A-1
Observed Elevation	992.84	982.87	987.33	987.40	986.36	988.21
Elevation	-0.04	0.00	0.00	0.00	0.01	-0.03
Easting Difference	-0.01	-0.39	-0.01	-0.08	0.01	-0.10
Northing Difference	-0.03	-0.01	-0.02	0.01	0.00	0.04
Point #	4100	4101	4102	4104	4105	4106
Location	Inlet	Inlet B-1	Inlet A-3	Inlet E-2	Inlet F-2	Inlet A-1
Observed Elevation	992.89	982.92	987.37	987.44	986.41	988.28
Elevation Difference	0.01	90.0	0.02	0.04	90.0	0.04
Easting <u>Difference</u>	-0.01	-0.06	-0.03	-0.04	-0.05	-0.17
po 81						
Northing Difference	-0.04	-0.03	-0.02	0.00	-0.04	0.02

Note: Differences Below Between Feb. 4, 2022 & March 2, 2022

Note: Differences Below Between Dec. 12, 2021 & Feb. 4, 2022

> 3100 3101 3102

992.84	982.87	987.33	987.40
-0.05	-0.05	-0.04	-0.04
0.00	-0.33	0.02	-0.05
0.01	0.02	0.00	0.01
4100	4101	4102	4104
992.89	982.92	987.37	
0.05	0.05	0.04	
-0.02	90.0-	-0.03	
-0.01	-0.03	-0.02	

Note: The certification on this exhibit is to verify that the horizontal and vertical positions not certifying any reason or cause for the differences in the locations or elevations. does not intend to show anything other what is shown on the exhibit. We are shown hereon were collected under my direct supervision. This certification



986.36

-0.05

90.0

0.05

4105

Fourth Monitoring Results 4/8/2022

Note: Differences Below Between Dec. 12, 2021 & April 8, 2022

Location	
Observed	Elevation
Elevation	Difference
Easting	Difference
Northing	Difference
Point #	

Inlet Adjusted- Removed from Monitoring Inlet Adjusted- Removed from Monitoring

Inlet A-3	toring	Inlet E-2	Inlet F-2	Inlet A-1	Inlet I-2	Inlet A-1	Inlet C-2	Inlet G-3
988.44	ice last moni	987.44	986.37	988.24				
1.10	ias shifted sin	0.04	0.02	0.00	990.01	979.05	975.28	984.07
1.84	Based on above results, Inlet A-3 has shifted since last monitoring	-0.04	-0.02	60.0-	1006824.68 2812868.80	2812258.87	2812081.44	2812454.33
-3.35	d on above res	0.00	-0.01	0.02	1006824.68	1007111.59 2812258.87	1007411.19 2812081.44	1006703.64 2812454.33
5102	Base	5104	5105	5106	107	108	109	110

Note: Point's 107-110 above are new or replacement monitoring points on the site.

Inlet Adjusted- Removed from Monitoring

987.44 986.37 988.24 988.44 Inlet Adjusted- Removed from Monitoring 0.04 0.01 0.03 -0.02 0.04 0.02 -0.01-0.01 -0.03 5102 5104 5105 5106



Fifth Monitoring Results 5/9/2022

Note: Differences Below Between Dec. 12, 2021 & May 9, 2022 (Points 104 - 106)

April 8, 2022 & May 9, 2022 (Points 102 & 107 - 110)

Location	Inlet A-3	Inlet E-2	Inlet F-2	Inlet A-1	Inlet I-2	Inlet A-1	Inlet C-2	Inlet G-3	Inlet F-4
Observed <u>Location</u> Elevation	988.44	987.41	986.36	988.27	989.99	979.08	975.28	984.07	
Elevation	0.01	0.01	0.01	0.03	-0.02	0.03	0.00	0.00	986.12
Easting	See Note	1006482.19 2812485.01							
Northing	8	S	S	S	S	S	S	S	1006482
Point #	6102	6104	6105	6106	6107	6108	6109	6110	111

Note: Differences Below Between April 8, 2022 & May 9, 2022

Note: Point #111 is a new monitoring point.

-0.03 987.41
STATE OF THE PARTY
-0.01 986.36
0.03 988.27

6104 6105 6106

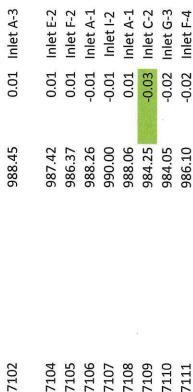


Note: This monitoring exhibit represents a shift in the data collection method for the monitoring at the Streets of West Pryor site. Long term monitoring will concentrate on the vertical differences between observations, unless otherwise noted.

Sixth Monitoring Results 6/8/2022

Note: Differences Below Between
Dec. 12, 2021 & June 8, 2022 (Point's 104-106)
April 8, 2022 & June 8, 2022 (Point's 102, 107-110)
May 9, 2022 & June 8, 2022 (Point #111)

Location	0.01 Inlet A-3	0.01 Inlet E-2
Observed <u>Elevation</u>	0.01	0.01
Elevation Difference	988.45	987.42
Easting		
Northing		
Point #	7102	7104





0.01 0.01 0.01 -0.02 -0.03 0.01 -0.02 -0.02 988.45 988.26 990.00 90.676 975.25 984.05 986.10 987.42 986.37 7106 7108 7102 7104 7105 7107 7109 7110 7111



Note: This monitoring exhibit continues a shift in the data collection method for the monitoring at the Streets of West Pryor site. Long term monitoring will concentrate on the vertical differences between observations, unless otherwise noted.

Seventh Monitoring Results 7/21/2022

Note: Differences Below Between Dec. 12, 2021 & July 21, 2022 (Point's 104-106) April 8, 2022 & July 21, 2022 (Point's 102, 107-110) May 9, 2022 & July 21, 2022 (Point #111)

Location	
Observed	Elevation
Elevation	Difference
Easting	
Northing	
Point #	

0.03 Inlet A-3	0.05 Inlet E-2	0.03 Inlet F-2 Inlet A-1	0.03 Inlet I-2	0.01 Inlet A-1	-0.02 Inlet C-2	-0.05 Inlet G-3	-0.02 Inlet F-4
988.47	987.45	986.39 Inlet covered with fill	86.986	979.06	975.26	984.02	986.10
8102	8104	8105 8106	8107	8108	8109	8110	8111

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Between	2022
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Note: Differences	2022
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0.02 Inlet A-3	0.03 Inlet E-2	0.02 Inlet F-2	Inlet A-1	-0.02 Inlet I-2	0.00 Inlet A-1	0.01 Inlet C-2	-0.03 Inlet G-3	0.00 Inlet F-4
988.47	987.45	986.39	Inlet covered with fill	86.686	90.626	975.26	984.02	986.10
8102	8104	8105	8106	8107	8108	8109	8110	8111



Note: This monitoring exhibit confinues a shift in the data collection method for the monitoring at the Streets of West Pryor site. Long term monitoring will concentrate on the vertical differences between observations, unless otherwise noted.

Eighth Monitoring Results 9/14/2022

Note: Differences Below Between Dec. 12, 2021 & Sept 14, 2022 (Point's 104-106) April 8, 2022 & Sept 14, 2022 (Point's 102, 107-110) May 9, 2022 & Sept 14, 2022 (Point #111)

Location	988.45 Inlet A-3	987.43 Inlet E-2 986.39 Inlet F-2 Inlet A-1 989.98 Inlet I-2
Observed <u>Elevation</u>	988.45	987.43 986.39 989.98
Elevation <u>Difference</u>	0.01	0.03 0.04 nlet covered with fill -0.03
Easting		Inlet cov
Northing		
Point #	9102	9104 9105



	988.45 Inlet A-3	987.43 Inlet E-2	Inlet F-2	Inlet A-1	Inlet I-2	Inlet A-1	Inlet C-2	Inlet G-3	986.10 Inlet F-4
7.	988.45	987.43	986.39		986.686	90.676	upplies	984.01	986.10
July 21, 2022 & Sept 14, 2022	-0.02	-0.02	0.00	Inlet covered with fill	0.00	0.00	Inlet covered with Construction Supplies	-0.01	0.00
	9102	9104	9105		9107	9108		9110	9111



Note: Long term monitoring will concentrate on the vertical differences between observations, unless otherwise noted.

Inlet C-2 Inlet G-3

Inlet covered with Construction Supplies

9108

9110

984.01

90.0-

Inlet A-1

90.676



Monitoring Point Displacement Summary Streets West of Pryor Lee's Summit Missouri Geotechnoloev Project No. 1035637.02

Total Elevation Change (ii) Trime Elapsed (yr) Elevation Change (iii) Total Elevation Change (iii) Total Elevation Change (iii) Total Elevation Change (iii) Total Elevation Change (iii) Sec. 284					Geotechnology Project No. J035637.02	J035637.02		
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 1 992.84 0.17 -0.48 NA NA NA Belevation (ft) Time Elapsed (yr) Elevation Change (in) 1 992.84 0.17 -0.48 -0.48 992.84 0.17 -0.48 -0.48 992.84 0.07 -0.60 0.12 992.84 0.07 -0.60 0.12 992.84 0.07 -0.60 0.12 982.87 0.17 0.12 982.87 0.17 0.05 982.87 0.17 0.05 982.87 0.17 0.05 982.87 0.17 0.05 982.87 0.17 0.05 982.87 0.17 0.024 987.33 0.17 0.048 0.024 988.45 0.00 0.00 0.12 988.45 0.00 0.00 0.12 988.45 0.00 0.00 0.12 988.45 0.00 0.00 0.12 988.45 0.00 0.00 0.12 988.45 0.00 0.00 0.12 988.47 0.15 0.024 988.47 0.15 0.024 988.48 0.015 0.024 988.47 0.015 0.024 988.48 0.015 0.024 988.49 0.016 0.024 988.40 0.00 0.012 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.016 0.024 988.40 0.017 0.024 988.40 0.017 0.024 988.40 0.017 0.024 988.40 0.007 0.024 988.40 0.007 0.024 988.40 0.007 0.048 988.40 0.007 0.048 988.40 0.007 0.048 988.40 0.007 0.024 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.007 0.008 988.40 0.008 0.012 988.40 0.008 0.012 988.40 0.008 0.012 988.40 0.008 0.009								
ange (f) Elevation (ff) Time Elapsed (yr) Elevation Change (in) RA NA	Displacement for A	100						
992,84		on Change (ft)		Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
992.84	10/12/2021	NA	992.88	NA	NA	NA	NA	
ange (f) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 13.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 14.20 ange (ft) Elevation (ft) 14.20 ange (ft) Elevation (ft) 14.20 ange (ft) Elevation Change (in) 14.20	12/12/2021	-0.03	992.84	0.17	-0.48	-0.48	-2.87	
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) (in) Elevation (tt) Time Elapsed (yr) Elevation Change (in) (in) Elevation Change (in) (in) Elevation Change (in) (in) Elevation Change (in) (in) (in) (in) (in) (in) (in) (in)	2/4/2022	-0.01	992.89	0.15	09:0	0.12	4.06	
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Time Elevation Change (in) Time Elevation Change (in) Time Eleva	3/2/2022	0.01	992.84	0.07	-0.60	-0.48	-8.42	Inlet point moved, new baseline set
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Elevation	4/8/2022	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	Monitor point removed due to adjusting inlet
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation (ft) Time Elapsed (yr) Elevation (ft) Time Elapsed (yr) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Elevation (th) Elevation (th) Elevation Change (in) Time Elapsed (yr) Elevation Change (in)	Displacement for A	101						
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 13.32	Data Elements	Change (ft)		Time Flanced (vr)	Florestion Change (in)	Total Elevation Change (in)	Data (infun)	
Section Color Co		on Change (π)		IIme Elapsed (yr)	Elevation Change (in)	lotal Elevation Change (in)	Kate (In/yr)	Kemarks
Security	10/12/2021	Y 20	902.00	177	AN 0	AN 0	Y 0	
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ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Eleva	2/4/2022	50.0	982.92	0.15	0.60	0.72	4.06	
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Total Elevation Change (in) Time Elapsed (yr) Elevation Change (in) Total Elevati	3/2/2022	-0.05	982.87	0.07	09.0-	0.12	-8.42	Inlet point moved, new baseline set
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) NA	4/8/2022	#N/A	#N/A	#N/A	#N/A	#N/A	A A	Monitor point removed due to adjusting inlet
ange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) NA	Displacement for A	102						
10	Date Elevation	hange (ft)	Flovetion (#)	Time Flancad (un)	Flowation Change (in)	Total Elevation Change (in)	Date (in/ur)	Company
2 987.37 0.17 -0.24 -0.24 4 987.37 0.15 0.48 -0.24 9 0.07 0.07 -0.48 -0.24 988.44 0.07 0.08 0.00 13.08 988.45 0.08 0.12 0.24 13.20 988.45 0.15 0.24 13.44 988.45 0.15 0.24 13.44 10.8 0.15 0.24 13.44 10.8 0.15 0.24 13.44 10.8 0.15 0.24 13.44 10.8 0.15 0.24 13.44 10.8 0.15 0.24 13.44 10.8 0.15 0.24 13.20 10.8 0.15 0.24 13.20 10.8 0.15 0.24 0.48 10.8 0.15 0.24 0.48 10.9 0.10 0.48 0.18 10.12 0.12 0.12 0.12 <td></td> <td>NA NA</td> <td>987.35</td> <td>NA NA</td> <td>NA NA</td> <td>NA NA</td> <td>ΑN</td> <td>Neiliding</td>		NA NA	987.35	NA NA	NA NA	NA NA	ΑN	Neiliding
t 987.37 0.15 0.48 0.24 t 987.33 0.07 -0.48 0.24 988.44 0.10 13.32 13.08 988.45 0.08 0.00 11.2 13.08 988.45 0.08 0.12 13.20 988.45 0.15 0.24 13.20 988.45 0.15 0.24 13.40 NA NA NA NA NA NA NA NA NA HNA #N/A #N/A #N/A #N/A #N/A #N/A #N/A #N	12/12/2021	-0.02	987.33	0.17	-0.24	-0.24	-1 44	Inlet lid adjusted after initial monitoring
4 987.33 0.07 -0.48 -0.24 988.44 0.10 13.32 13.08 988.45 0.08 0.024 13.08 988.45 0.12 13.20 10 0.12 13.44 10 0.15 0.24 13.44 10 0.15 0.24 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 13.44 10 0.15 0.024 0.048 10 0.15 0.048 0.048 10 0.07 0.048 0.048 10 0.08 0.024 0.024 10 0.08 0.0.02 0.024 10	2/4/2022	0.04	987.37	0.15	0.48	0.24	3.24	6
988.44 0.10 13.32 13.08 13.08	3/2/2022	-0.04	987.33	0.07	-0.48	-0.24	-6.74	Inlet point moved, new baseline set
988.44 0.08 0.00 13.08 988.45 0.08 0.12 13.20 988.45 0.012 0.24 13.20 988.45 0.15 0.24 13.44 988.45 0.15 0.24 13.20 13.20 13.20 13.20 13.20 13.20 13.20 13.20 13.20 13.20 13.20 13.2	4/8/2022	1.11	988.44	0.10	13.32	13.08	131.40	Inlet A-3 shifted since last monitoring
988.45 0.08 0.12 13.20 988.45 0.012 0.24 13.44 988.45 0.15 0.24 13.44 2 988.45 0.15 0.24 13.44 2 988.45 0.15 0.24 13.20 2 988.45 0.15 0.24 13.20 8 1 987.40	5/9/2022	0	988.44	0.08	00:00	13.08	00.00	Switch to vertical monitoring only
13.44 13.44 13.20 13.44 13.20 13.44 13.20 13.44 13.20 13.44 13.20 13.44 13.20 13.2	6/8/2022	0.01	988.45	0.08	0.12	13.20	1.46	
2 988.45 0.15 -0.24 13.20 lange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) Indexection (ft) Float Elevation Change (in) Total Elevation Change (in) Indexection Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Indexection Change (in) Indexection (ft) Time Elapsed (yr) Elevation Change (in) Indexection Change (in) Indexection (ft) Elevation Change (in) Indexection Change (in) Indexection Change (in)	7/21/2022	0.02	988.47	0.12	0.24	13.44	2.04	
lange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) NA	9/14/2022	-0.02	988.45	0.15	-0.24	13.20	-1.59	
tange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) NA								
Interest Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in)	Displacement for C	103						
NA		on Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
name (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) 1 987.40 #NIA #NIA #NIA 1 987.44 0.07 -0.48 0.048 1 987.41 0.10 -0.48 0.00 2 987.41 0.10 0.48 0.00 3 987.41 0.08 0.03 0.12 4 987.42 0.08 0.12 0.24 5 987.42 0.08 0.12 0.24 6 987.45 0.08 0.12 0.24	10/12/2021	NA	ΑΝ	NA	ΑN	ΨN	ΑΝ	
lange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) Total Elevation Change (in) #N/A #N/A #N/A #N/A #N/A #N/A #N/A #N/A	12/12/2021	NA	AN	NA	NA	NA	Ϋ́	Removed after initial monitoring
lange (ft) Elevation (ft) Time Elapsed (yr) Elevation Change (in) 1048	Displacement for A	104						
I NA 987.40 #N/A #N/A #N/A #N/A #N/A 0.04 987.44 0.15 0.48 0.08 -0.04 987.40 0.07 -0.48 0.00 0.04 987.44 0.10 0.48 0.48 -0.03 987.41 0.08 -0.36 0.12 0.01 987.42 0.08 0.12 0.24 0.03 987.45 0.012 0.36 0.60	Date Elevatio	on Change (ft)	Elevation (ft)	Time Elapsed (vr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/vr)	Remarks
0.04 987.44 0.15 0.48 -0.04 987.40 0.07 -0.48 0.04 987.44 0.10 0.48 -0.03 987.41 0.08 -0.36 0.01 987.42 0.08 0.12 0.03 987.45 0.01 0.36		NA	987.40	#N/A	#N/A	W/A#	#N/A	
-0.04 987.40 0.07 -0.48 0.04 987.44 0.10 0.48 -0.03 987.41 0.08 -0.36 0.01 987.42 0.08 0.12 0.03 997.45 0.12 0.36	2/4/2022	0.04	987.44	0.15	0.48	0.48	3.24	
0.04 987.44 0.10 0.48 -0.03 987.41 0.08 -0.36 0.01 987.42 0.08 0.12 0.03 997.45 0.12 0.36	3/2/2022	-0.04	987.40	0.07	-0.48	0.00	-6.74	Inlet point moved, new baseline set
-0.03 987.41 0.08 -0.36 0.01 987.42 0.08 0.12 0.03 987.45 0.12 0.36	4/8/2022	0.04	987 44	0.10	0.48	0.48	4.74	
0.01 987.42 0.08 0.12 0.03 987.45 0.12 0.36	5/9/2022	-0.03	987.41	0.08	-0.36	0.12	4.24	Switch to vertical monitoring only
0.03 987.45 0.12 0.36	6/8/2022	0.01	987.42	0.08	0.12	0.24	1.46	
	7/21/2022	0.03	987.45	0.12	0.36	09.0	3.06	
-0.02 987.43 0.15 -0.24	9/14/2022	-0.02	987.43	0.15	-0.24	0.36	-1.59	



NOLOGY 19 Sciences Company			Monitoring Point Displacement Summary Streets West of Pryor Lee's Summit Missouri Geotechnology Project No. J035637.02	ent Summary yor ouri .1035637.02		
1105						
on Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	
NA	986.35	NA	AN	AN	NA	
90.0	986.41	0.15	0.72	0.72	4.87	
-0.05	986.36	0.07	09:0-	0.12	-8.42	
0.01	286.37	0.10	0.12	0.24	1.18	
-0.01	986.36	80:0	-0.12	0.12	141	
0.01	986.37	80.0	0.12	0.24	1.46	
0.02	986.39	0.12	0.24	0.48	2.04	
0	686.39	0.15	00'0	0.48	00.0	

Displacem	Displacement for A105						
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
12/12/2021	NA	986.35	NA	NA	NA	NA	
2/4/2022	90:0	986.41	0.15	0.72	0.72	4.87	
3/2/2022	-0.05	986.36	0.07	-0.60	0.12	-8.42	Inlet point moved, new baseline set
4/8/2022	0.01	986.37	0.10	0.12	0.24	1.18	
5/9/2022	-0.01	986.36	0.08	-0.12	0.12	-1.41	Switch to vertical monitoring only
6/8/2022	0.01	986.37	0.08	0.12	0.24	1.46	
7/21/2022	0.02	986.39	0.12	0.24	0.48	2.04	
9/14/2022	0	986.39	0.15	00:00	0.48	00:00	
Dienlacem	Displacement for C106						
Date	Flavation Change (ft)	Flevation (#)	Time Flanced (vr)	Flevation Change (in)	Total Flavation Change (in)	Rate (in/vr)	Pomerke
12/12/2021	NA NA	988 24		NA NA	NA NA	NA	Nelliging
2/4/2022	0.04	988 28	0 15	0.48	0.48	3.24	
3/2/2022	20:0-	988.21	20:0	-0.84	-0.36	-11.79	Inlet point moved, new baseline set
4/8/2022	0.03	988.24	0.10	0.36	0.00	3.55	
5/9/2022	0.03	988.27	80.0	0.36	0.36	4.24	Switch to vertical monitoring only
6/8/2022	-0.01	988.26	0.08	-0.12	0.24	-1.46	
7/21/2022	NA	ΑΝ	NA	NA	NA	AN	Inlet covered with fill
9/14/2022	NA	NA	NA	NA	NA	NA	Inlet covered with fill
Displacem	Displacement for B107						
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
4/8/2022	NA	990.01	Ϋ́Z	ΑN	ΑN	NA	
5/9/2022	-0.02	66.686	0.08	-0.24	-0.24	-2.83	Switch to vertical monitoring only
6/8/2022	0.01	00.066	0.08	0.12	-0.12	1.46	
7/21/2022	-0.02	986.686	0.12	-0.24	-0.36	-2.04	
9/14/2022	D	988.88	61.0	00:0	-0.36	0.00	
Displacem	Displacement for C108						
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
4/8/2022	NA	979.05	NA	NA	NA	NA	
5/9/2022	0.03	90.626	0.08	0.36	0.36	4.24	Switch to vertical monitoring only
6/8/2022	-0.02	90.676	80.0	-0.24	0.12	-2.92	
7/21/2022	0	929.06	0.12	0.00	0.12	00.0	
9/14/2022	0	90.626	0.15	0.00	0.12	00:00	
	0010						
Displacem	Displacement for C109						
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks
4/8/2022	ΝΑ	975.28	ďΖ	ΨZ	ΥN	ΝΑ	
5/9/2022	0	975.28	0.08	0.00	0.00	0.00	Switch to vertical monitoring only
6/8/2022	-0.03	975.25	0.08	-0.36	-0.36	4.38	
9/14/2022	I O O	97.578 NA	NA NA	NA NA	-0.24 NA	NAN	Inlet covered with construction supplies
3717170							Illet covered with collettactor supplies



Monitoring Point Displacement Summary Streets West of Pryor Lee's Summit Missouri Geotechnology Project No. J035637.02

				dedicting of the perturbations	20.750500			T
Displacem	Displacement for C110							
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks	
4/8/2022	AN	984.07	ΥN	AN	ΑN	ΑN		
5/9/2022	0	984.07	0.08	0.00	0.00	00:00	Switch to vertical monitoring only	
6/8/2022	-0.02	984.05	0.08	-0.24	-0.24	-2.92		
7/21/2022	-0.03	984.02	0.12	-0.36	09:0-	-3.06		
9/14/2022	-0.01	984.01	0.15	-0.12	-0.72	08'0-		
Displacem	Displacement for C111							
Date	Elevation Change (ft)	Elevation (ft)	Time Elapsed (yr)	Elevation Change (in)	Total Elevation Change (in)	Rate (in/yr)	Remarks	
5/9/2022	ΑN	986.12	AN	NA	NA	ΑN	Monitor point installed	
6/8/2022	-0.02	986.10	80.0	-0.24	-0.24	-2.92		
7/21/2022	0	986.10	0.12	00:0	-0.24	00.0		
9/14/2022	0	986.10	0.15	0.00	-0.24	00.00		
*Negative valu	*Negative values indicate a decrease in elevation	uc						



