

**National Pollutant Discharge Elimination System (NPDES)
Electronic Discharge Monitoring Report (eDMR)**

6/9/2020 10:37:26 AM

Region: SCRO
County: All
Municipality: All
Permit #: PA0046680
Monitoring Period Date Range: 2/8/2020 To 6/8/2020
Client: All
Parameter: All

Permit #:	PA0046680	Facility Address:	MODERN LANDFILL 4400 MOUNT PISGAH RD YORK, PA 17406-8240
Client ID / Name:	92781 - REPUBLIC SVC OF PA LLC	County:	York
Primary Facility ID / Name:	255900 - MODERN LANDFILL	Municipality:	Lower Windsor Twp
Major Facility:	No	Latitude / Longitude:	39.964444 / -76.5975
Region:	SCRO		

Monitoring Period Begin Date	Monitoring Period End Date	DMR Received Date	Outfall	Discharge	Monitoring Location	Parameter Name	Parameter Code	DMR Value	Permit Limit	Units	Statistical Base Code
03/01/2020	03/31/2020	04/29/2020	001	Yes	Downstream Monitoring	Color (Pt-Co Units)	00080	53	Monitor and Report	Pt-Co Units	Average Monthly
					Downstream Monitoring	Color (Pt-Co Units)	00080	60	Monitor and Report	Pt-Co Units	Daily Maximum
					Effluent Net	Total Nitrogen (Total Load, lbs)	51445	8521	Monitor and Report	lbs	Total Monthly
					Effluent Net	Total Phosphorus (Total Load, lbs)	51451	66	Monitor and Report	lbs	Total Monthly
					Final Effluent	Ammonia-Nitrogen	00610	0.51	3.0	mg/L	Average Monthly
					Final Effluent	Ammonia-Nitrogen	00610	0.7	12.5	lbs/day	Average Monthly
					Final Effluent	Ammonia-Nitrogen	00610	2.8	25.0	lbs/day	Daily Maximum
					Final Effluent	Ammonia-Nitrogen	00610	1.80	6.0	mg/L	Daily Maximum
					Final Effluent	Ammonia-Nitrogen (Total Load, lbs)	51446	23	Monitor and Report	lbs	Total Monthly
					Final Effluent	a-Terpineol	77493	< 0.00516	0.00307	mg/L	Average Monthly
					Final Effluent	a-Terpineol	77493	< 0.0072	0.0128	lbs/day	Average Monthly
					Final Effluent	a-Terpineol	77493	< 0.00516	0.00634	mg/L	Daily Maximum

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03/01/2020	03/31/2020	04/29/2020	001	Yes	Final Effluent	a-Terpineol	77493	< 0.0073	0.0264	lbs/day	Daily Maximum
					Final Effluent	Benzoic Acid	77247	< 0.0165	0.0567	lbs/day	Average Monthly
					Final Effluent	Benzoic Acid	77247	< 0.01180	0.0136	mg/L	Average Monthly
					Final Effluent	Benzoic Acid	77247	< 0.0166	0.0959	lbs/day	Daily Maximum
					Final Effluent	Benzoic Acid	77247	< 0.01180	0.0230	mg/L	Daily Maximum
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.00324	0.0149	mg/L	Average Monthly
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.0038	0.062	lbs/day	Average Monthly
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.00324	0.0253	mg/L	Daily Maximum
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.0051	0.106	lbs/day	Daily Maximum
					Final Effluent	Boron, Total	01022	19.0	17.2	lbs/day	Average Monthly
					Final Effluent	Boron, Total	01022	13.88	4.12	mg/L	Average Monthly
					Final Effluent	Boron, Total	01022	23.1	23.0	lbs/day	Daily Maximum
					Final Effluent	Boron, Total	01022	15.00	5.52	mg/L	Daily Maximum
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	6.7	41.7	lbs/day	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	5	10	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	12.7	83.4	lbs/day	Daily Maximum
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	10	20	mg/L	Daily Maximum
					Final Effluent	Color (Pt-Co Units)	00080	560	Monitor and Report	Pt-Co Units	Average Monthly
					Final Effluent	Color (Pt-Co Units)	00080	560	Monitor and Report	Pt-Co Units	Daily Maximum
					Final Effluent	Copper, Total	01042	0.047	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Copper, Total	01042	0.047	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Dissolved Oxygen	00300	7.44	5.0	mg/L	Minimum
					Final Effluent	Fecal Coliform	74055	> 64450	2000	CFU/100 ml	Geometric Mean

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03/01/2020	03/31/2020	04/29/2020	001	Yes	Final Effluent	Fecal Coliform	74055	173300	10000	CFU/100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.15341	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.220033	Monitor and Report	MGD	Daily Maximum
					Final Effluent	Lead, Total	01051	< 0.001	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Lead, Total	01051	< 0.001	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Nitrate-Nitrite as N	00630	190	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Nitrate-Nitrite as N (Total Load, lbs)	51450	7420	Monitor and Report	lbs	Total Monthly
					Final Effluent	Osmotic Pressure	82550	289	129	mOs/kg	Average Monthly
					Final Effluent	Osmotic Pressure	82550	368	183	mOs/kg	Daily Maximum
					Final Effluent	p-Cresol	77146	< 0.00374	0.00269	mg/L	Average Monthly
					Final Effluent	p-Cresol	77146	< 0.0052	0.0112	lbs/day	Average Monthly
					Final Effluent	p-Cresol	77146	< 0.00374	0.00480	mg/L	Daily Maximum
					Final Effluent	p-Cresol	77146	< 0.0053	0.0200	lbs/day	Daily Maximum
					Final Effluent	pH	00400	8.85	9.0	S.U.	Maximum
					Final Effluent	pH	00400	7.89	6.0	S.U.	Minimum
					Final Effluent	Phenol	34694	< 0.00212	0.00692	mg/L	Average Monthly
					Final Effluent	Phenol	34694	< 0.0030	0.0289	lbs/day	Average Monthly
					Final Effluent	Phenol	34694	< 0.00212	0.00903	mg/L	Daily Maximum
					Final Effluent	Phenol	34694	< 0.0030	0.0377	lbs/day	Daily Maximum
					Final Effluent	Tetrachloroethylene	34475	< 0.0005	Monitor and Report	mg/L	Average Monthly
Final Effluent	Tetrachloroethylene	34475	< 0.0005	Monitor and Report	mg/L	Daily Maximum					
Final Effluent	Total Kjeldahl Nitrogen	00625	28	Monitor and Report	mg/L	Average Monthly					

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03/01/2020	03/31/2020	04/29/2020	001	Yes	Final Effluent	Total Kjeldahl Nitrogen (Total Load, lbs)	51449	1101	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Nitrogen	00600	218	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Total Nitrogen (Total Load, lbs)	51445	8521	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Phosphorus	00665	1.59	2.0	mg/L	Average Monthly
					Final Effluent	Total Phosphorus (Total Load, lbs)	51451	66	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.13	0.25	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.28	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.28	0.81	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	8.2	41.7	lbs/day	Average Monthly
					Final Effluent	Total Suspended Solids	00530	6	10	mg/L	Average Monthly
					Final Effluent	Total Suspended Solids	00530	16.9	83.4	lbs/day	Daily Maximum
					Final Effluent	Total Suspended Solids	00530	11	20	mg/L	Daily Maximum
					Final Effluent	Zinc, Total	01092	< 0.036	0.344	lbs/day	Average Monthly
					Final Effluent	Zinc, Total	01092	< 0.0275	0.0825	mg/L	Average Monthly
					Final Effluent	Zinc, Total	01092	< 0.077	0.416	lbs/day	Daily Maximum
					Final Effluent	Zinc, Total	01092	< 0.0500	0.0998	mg/L	Daily Maximum
					Instream Monitoring	Color (Pt-Co Units)	00080	18	Monitor and Report	Pt-Co Units	Average Monthly
					Instream Monitoring	Color (Pt-Co Units)	00080	45	Monitor and Report	Pt-Co Units	Daily Maximum
					04/01/2020	04/30/2020	05/20/2020	001	Yes	Downstream Monitoring	Color (Pt-Co Units)
Downstream Monitoring	Color (Pt-Co Units)	00080	60	Monitor and Report						Pt-Co Units	Daily Maximum
Effluent Net	Total Nitrogen (Total Load, lbs)	51445	7216	Monitor and Report						lbs	Total Monthly
Effluent Net	Total Phosphorus (Total Load, lbs)	51451	34	Monitor and Report						lbs	Total Monthly

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04/01/2020	04/30/2020	05/20/2020	001	Yes	Final Effluent	Ammonia-Nitrogen	00610	< 0.4	12.5	lbs/day	Average Monthly
					Final Effluent	Ammonia-Nitrogen	00610	< 0.3	3.0	mg/L	Average Monthly
					Final Effluent	Ammonia-Nitrogen	00610	< 1.0	6.0	mg/L	Daily Maximum
					Final Effluent	Ammonia-Nitrogen	00610	1.5	25.0	lbs/day	Daily Maximum
					Final Effluent	Ammonia-Nitrogen (Total Load, lbs)	51446	< 13	Monitor and Report	lbs	Total Monthly
					Final Effluent	a-Terpineol	77493	< 0.0084	0.0128	lbs/day	Average Monthly
					Final Effluent	a-Terpineol	77493	< 0.00516	0.00307	mg/L	Average Monthly
					Final Effluent	a-Terpineol	77493	< 0.00516	0.00634	mg/L	Daily Maximum
					Final Effluent	a-Terpineol	77493	< 0.0094	0.0264	lbs/day	Daily Maximum
					Final Effluent	Benzoic Acid	77247	< 0.0192	0.0567	lbs/day	Average Monthly
					Final Effluent	Benzoic Acid	77247	< 0.01180	0.0136	mg/L	Average Monthly
					Final Effluent	Benzoic Acid	77247	< 0.0215	0.0959	lbs/day	Daily Maximum
					Final Effluent	Benzoic Acid	77247	< 0.01180	0.0230	mg/L	Daily Maximum
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.005	0.062	lbs/day	Average Monthly
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.0032	0.0149	mg/L	Average Monthly
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.006	0.106	lbs/day	Daily Maximum
					Final Effluent	Bis(2-Ethylhexyl)Phthalate	39100	< 0.0032	0.0253	mg/L	Daily Maximum
					Final Effluent	Boron, Total	01022	15.42	4.12	mg/L	Average Monthly
					Final Effluent	Boron, Total	01022	20.8	17.2	lbs/day	Average Monthly
					Final Effluent	Boron, Total	01022	36.0	23.0	lbs/day	Daily Maximum
					Final Effluent	Boron, Total	01022	22.00	5.52	mg/L	Daily Maximum
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	< 4.2	41.7	lbs/day	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	> 3	10	mg/L	Average Monthly
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	5.5	83.4	lbs/day	Daily Maximum
					Final Effluent	Carbonaceous Biochemical Oxygen Demand (CBOD5)	80082	4	20	mg/L	Daily Maximum

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04/01/2020	04/30/2020	05/20/2020	001	Yes	Final Effluent	Color (Pt-Co Units)	00080	528	Monitor and Report	Pt-Co Units	Average Monthly
					Final Effluent	Color (Pt-Co Units)	00080	560	Monitor and Report	Pt-Co Units	Daily Maximum
					Final Effluent	Copper, Total	01042	0.037	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Copper, Total	01042	0.037	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Dissolved Oxygen	00300	6.03	5.0	mg/L	Minimum
					Final Effluent	Fecal Coliform	74055	> 4985	2000	CFU/100 ml	Geometric Mean
					Final Effluent	Fecal Coliform	74055	> 241960	10000	CFU/100 ml	Instantaneous Maximum
					Final Effluent	Flow	50050	0.149806	Monitor and Report	MGD	Average Monthly
					Final Effluent	Flow	50050	0.218939	Monitor and Report	MGD	Daily Maximum
					Final Effluent	Lead, Total	01051	< 0.001	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Lead, Total	01051	< 0.001	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Nitrate-Nitrite as N	00630	145.52	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Nitrate-Nitrite as N (Total Load, lbs)	51450	6161	Monitor and Report	lbs	Total Monthly
					Final Effluent	Osmotic Pressure	82550	246	129	mOs/kg	Average Monthly
					Final Effluent	Osmotic Pressure	82550	262	183	mOs/kg	Daily Maximum
					Final Effluent	p-Cresol	77146	< 0.00374	0.00269	mg/L	Average Monthly
					Final Effluent	p-Cresol	77146	< 0.0061	0.0112	lbs/day	Average Monthly
					Final Effluent	p-Cresol	77146	< 0.0068	0.0200	lbs/day	Daily Maximum
					Final Effluent	p-Cresol	77146	< 0.00374	0.00480	mg/L	Daily Maximum
					Final Effluent	pH	00400	8.74	9.0	S.U.	Maximum
Final Effluent	pH	00400	7.76	6.0	S.U.	Minimum					
Final Effluent	Phenol	34694	< 0.00212	0.00692	mg/L	Average Monthly					

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04/01/2020	04/30/2020	05/20/2020	001	Yes	Final Effluent	Phenol	34694	< 0.0035	0.0289	lbs/day	Average Monthly
					Final Effluent	Phenol	34694	< 0.00212	0.00903	mg/L	Daily Maximum
					Final Effluent	Phenol	34694	< 0.0039	0.0377	lbs/day	Daily Maximum
					Final Effluent	Tetrachloroethylene	34475	< 0.5000	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Tetrachloroethylene	34475	< 0.5000	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Total Kjeldahl Nitrogen	00625	26	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Total Kjeldahl Nitrogen (Total Load, lbs)	51449	1055	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Nitrogen	00600	171.42	Monitor and Report	mg/L	Average Monthly
					Final Effluent	Total Nitrogen (Total Load, lbs)	51445	7216	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Phosphorus	00665	0.8	2.0	mg/L	Average Monthly
					Final Effluent	Total Phosphorus (Total Load, lbs)	51451	34	Monitor and Report	lbs	Total Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.10	0.25	mg/L	Average Monthly
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.21	Monitor and Report	mg/L	Daily Maximum
					Final Effluent	Total Residual Chlorine (TRC)	50060	0.21	0.81	mg/L	Instantaneous Maximum
					Final Effluent	Total Suspended Solids	00530	6.9	41.7	lbs/day	Average Monthly
					Final Effluent	Total Suspended Solids	00530	6	10	mg/L	Average Monthly
					Final Effluent	Total Suspended Solids	00530	12.3	83.4	lbs/day	Daily Maximum
					Final Effluent	Total Suspended Solids	00530	9	20	mg/L	Daily Maximum
					Final Effluent	Zinc, Total	01092	< 0.0032	0.0825	mg/L	Average Monthly
					Final Effluent	Zinc, Total	01092	< 0.005	0.344	lbs/day	Average Monthly
					Final Effluent	Zinc, Total	01092	< 0.0050	0.0998	mg/L	Daily Maximum
Final Effluent	Zinc, Total	01092	< 0.009	0.416	lbs/day	Daily Maximum					
Instream Monitoring	Color (Pt-Co Units)	00080	16	Monitor and Report	Pt-Co Units	Average Monthly					

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04/01/2020	04/30/2020	05/20/2020	001	Yes	Instream Monitoring	Color (Pt-Co Units)	00080	25	Monitor and Report	Pt-Co Units	Daily Maximum
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