

REPORTS

Lafayette Fire Company

Lancaster, PA

This report was generated on 10/5/2020 9:28:46 AM



Incidents for Zone for Date Range

Zone(s): 2 - Lancaster Township - East | Start Date: 09/01/2020 | End Date: 09/30/2020

INCIDENT NUMBER	INCIDENT TYPE	DATE	LOCATION	APPARATUS
2020 - 358	111 - Building fire	09/11/2020	1003 E KING ST	FP63,TRK63
2020 - 363	745 - Alarm system activation, no fire - unintentional	09/16/2020	1100 E ORANGE ST	E631
2020 - 364	322 - Motor vehicle accident with injuries	09/16/2020	E KING ST	E631,SQ632
2020 - 375	311 - Medical assist, assist EMS crew	09/29/2020	1030 GROFFTOWN RD	SQ631

Total # Incidents: 4

Only REVIEWED incidents included.



Lafayette Fire Company

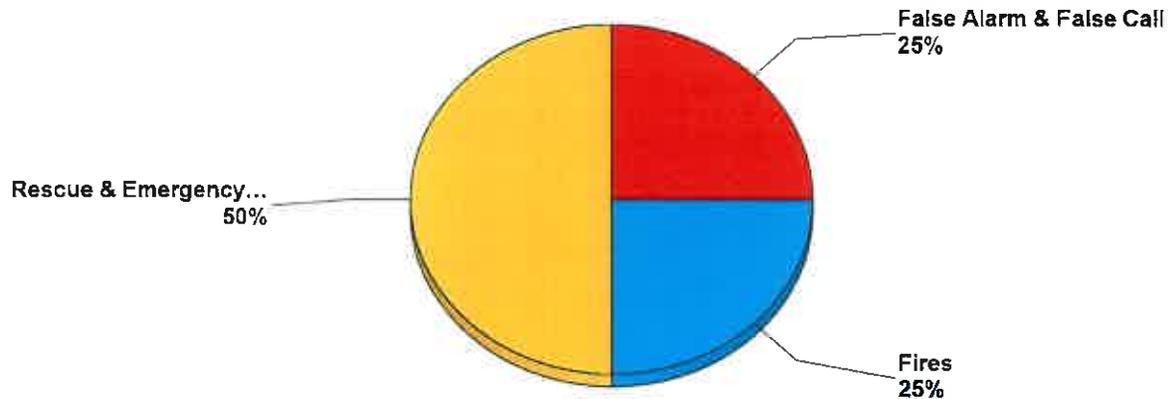
Lancaster, PA

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Breakdown by Major Incident Types for Date Range

Zone(s): 2 - Lancaster Township - East | Start Date: 09/01/2020 | End Date: 09/30/2020



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	1	25%
Rescue & Emergency Medical Service	2	50%
False Alarm & False Call	1	25%
TOTAL	4	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



Detailed Breakdown by Incident Type

INCIDENT TYPE	# INCIDENTS	% of TOTAL
111 - Building fire	1	25%
311 - Medical assist, assist EMS crew	1	25%
322 - Motor vehicle accident with injuries	1	25%
745 - Alarm system activation, no fire - unintentional	1	25%
TOTAL INCIDENTS:	4	100%

Only REVIEWED and/or LOCKED IMPORTED incidents are included. Summary results for a major incident type are not displayed if the count is zero.



Lancaster Township Fire Department

Lancaster, PA

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Major Incident Types by Month for Date Range

Start Date: 09/01/2020 | End Date: 09/30/2020



■ False Alarm & False Call	■ Hazardous Condition (No Fire)	■ Service Call
■ Fire	■ Rescue & Emergency Medical Service Incident	
■ Good Intent Call		

INCIDENT TYPE	SEP	TOTAL
False Alarm & False Call	8	8
Fire	6	6
Good Intent Call	12	12
Hazardous Condition (No Fire)	3	3
Rescue & Emergency Medical Service Incident	4	4
Service Call	10	10
Total	43	43

SEPTEMBER TOTAL # INCIDENTS **43**

MUTUAL AID **12**

IN LANCASTER TWP. **31**

YEAR-TO-DATE **306**

Lancaster Township Fire Department

Lancaster, PA

This report was generated on 10/3/2020 7:07:37 AM



Count of Incidents by Incident Type per Zone

Incident Status: All | Start Date: 09/01/2020 | End Date: 09/30/2020

INCIDENT TYPE	# INCIDENTS	% of TOTAL
Not Specified		
100 - Fire, other	2	4.65%
111 - Building fire	3	6.98%
113 - Cooking fire, confined to container	1	2.33%
311 - Medical assist, assist EMS crew	2	4.65%
322 - Motor vehicle accident with injuries	2	4.65%
440 - Electrical wiring/equipment problem, other	1	2.33%
442 - Overheated motor	1	2.33%
444 - Power line down	1	2.33%
510 - Person in distress, other	1	2.33%
531 - Smoke or odor removal	2	4.65%
551 - Assist police or other governmental agency	4	9.30%
552 - Police matter	1	2.33%
571 - Cover assignment, standby, moveup	2	4.65%
600 - Good intent call, other	2	4.65%
611 - Dispatched & cancelled en route	9	20.93%
651 - Smoke scare, odor of smoke	1	2.33%
700 - False alarm or false call, other	1	2.33%
730 - System malfunction, other	1	2.33%
736 - CO detector activation due to malfunction	1	2.33%
743 - Smoke detector activation, no fire - unintentional	3	6.98%
744 - Detector activation, no fire - unintentional	1	2.33%
746 - Carbon monoxide detector activation, no CO	1	2.33%
Zone: Not Specified Total Incident:	43	100.00%
TOTAL INCIDENTS FOR ALL ZONES:	43	100%

Lancaster Township Fire Department

SEPTEMBER_2020

Basic Incident Info with Number of Responding Apparatus and Personnel for Date Range



DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	ZONE	# APP.	# PERS.
09/01/2020	2020-281	59 MICHELLE DR	552 - Police matter	LANCASTER TWP.	3	10
09/03/2020	2020-282	59 MICHELLE DR	311 - Medical assist, assist EMS crew	LANCASTER TWP.	2	5
09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries	LANCASTER TWP.	5	17
09/04/2020	2020-284	1623 JUDIE LN	651 - Smoke scare, odor of smoke	LANCASTER TWP.	3	11
09/05/2020	2020-285	550 KENSINGTON RD	531 - Smoke or odor removal	LANCASTER TWP.	4	9
09/06/2020	2020-286	101 TIMBER DR	442 - Overheated motor	MT-90	4	14
09/06/2020	2020-287	280 STONE MILL RD	440 - Electrical wiring/equipment problem, other	MT-90	4	14
09/07/2020	2020-288	705 WYNCROFT TER	311 - Medical assist, assist EMS crew	LANCASTER TWP.	2	6
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional	LANCASTER TWP.	5	13
09/08/2020	2020-290	320 E MAIN ST	551 - Assist police or other governmental agency	MB-07	2	3
09/08/2020	2020-291	1710 JUDIE LN	100 - Fire, other	LANCASTER TWP.	3	10
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency	LANCASTER TWP.	7	20
09/09/2020	2020-293	1298 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route	LANCASTER TWP.	2	5
09/09/2020	2020-294	428 S WEST END AVE	510 - Person in distress, other	LANCASTER TWP.	3	6
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries	LANCASTER TWP.	5	10
09/09/2020	2020-296	3131 COLUMBIA AVE	111 - Building fire	EHT-67	2	5
09/10/2020	2020-297	1408 LITITZ PIKE	111 - Building fire	MHT-20	1	5
09/11/2020	2020-298	1003 E KING ST	100 - Fire, other	LANCASTER TWP.	2	6
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other	LANCASTER TWP.	5	8
09/13/2020	2020-300	1234 MILLERSVILLE PIKE	600 - Good intent call, other	LANCASTER TWP.	4	17
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional	LANCASTER TWP.	5	16
09/15/2020	2020-302	110 CENTERVILLE RD	700 - False alarm or false call, other	EHT-67	1	2
09/15/2020	2020-303	2901 WILLOW STREET PIKE	571 - Cover assignment, standby, moveup	WLT-50	2	9
09/17/2020	2020-305	ROUTE 222	551 - Assist police or other governmental agency	MHT-20	2	3
09/19/2020	2020-307	230 N PRESIDENT AVE	730 - System malfunction, other	LANCASTER TWP.	4	7
09/19/2020	2020-308	21 BARON DR	113 - Cooking fire, confined to container	LANCASTER TWP.	4	15
09/19/2020	2020-309	83 S MAIN ST	571 - Cover assignment, standby, moveup	MB-26	1	6
09/19/2020	2020-310	24 CHARLES RD	746 - Carbon monoxide detector activation, no CO	LANCASTER TWP.	4	10
09/20/2020	2020-311	1417 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route	LANCASTER TWP.	3	10
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency	LANCASTER TWP.	5	18
09/21/2020	2020-313	15 YARDLEY GRN	611 - Dispatched & cancelled en route	LANCASTER TWP.	1	32
09/22/2020	2020-314	1400 SPRINGSIDE DR	531 - Smoke or odor removal	LANCASTER TWP.	4	8
09/22/2020	2020-315	2111 MILLERSVILLE RD	611 - Dispatched & cancelled en route	PT-55	3	13
09/24/2020	2020-316	1301 MAPLE AVE	736 - CO detector activation due to malfunction	LANCASTER TWP.	4	6
09/25/2020	2020-317	1703 MARIETTA AVE	611 - Dispatched & cancelled en route	LANCASTER TWP.	1	4
09/26/2020	2020-318	1913 WHEATLAND AVE	611 - Dispatched & cancelled en route	LANCASTER TWP.	1	3
09/26/2020	2020-319	640 BEAN HILL RD	743 - Smoke detector activation, no fire - unintentional	LANCASTER TWP.	4	8
09/27/2020	2020-320	465 W MAIN ST	611 - Dispatched & cancelled en route	MB-07	1	3
09/27/2020	2020-321	18 PRESTIGE LN	611 - Dispatched & cancelled en route	EHT-67	1	6
09/28/2020	2020-322	600 RIVER DR	444 - Power line down	LANCASTER TWP.	4	12
09/29/2020	2020-323	1101 MILLERSVILLE PIKE	744 - Detector activation, no fire - unintentional	LANCASTER TWP.	2	6
09/29/2020	2020-325	13 W LIBERTY ST	111 - Building fire	MHT-20	4	16
09/30/2020	2020-326	1234 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route	LANCASTER TWP.	1	1

STATION 07 MOUNTVILLE BOROUGH
 STATION 20 MANHEIM TWP
 STATION 26 MANHEIM BOROUGH
 STATION 50 WILLOW STREET
 STATION 58 RAWLINSVILLE

STATION 63 LAFAYETTE
 STATION 64 LANCASTER CITY
 STATION 67 ROHRERSTOWN
 STATION 76 WEST HEMPFIELD
 STATION 90 BLUE ROCK

Lancaster Township Fire Department



Lancaster, PA

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Incident List for Apparatus for Date Range

Apparatus: All Apparatus | Start Date: 09/01/2020 | End Date: 09/30/2020

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
Apparatus : DOV66 - DUTY VEHICLE			
09/04/2020	2020-284	1623 JUDIE LN	651 - Smoke scare, odor of smoke
09/05/2020	2020-285	550 KENSINGTON RD	531 - Smoke or odor removal
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other
09/13/2020	2020-300	1234 MILLERSVILLE PIKE	600 - Good intent call, other
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional
09/19/2020	2020-307	230 N PRESIDENT AVE	730 - System malfunction, other
09/19/2020	2020-310	24 CHARLES RD	746 - Carbon monoxide detector activation, no CO
09/20/2020	2020-311	1417 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route
09/22/2020	2020-314	1400 SPRINGSIDE DR	531 - Smoke or odor removal
09/24/2020	2020-316	1301 MAPLE AVE	736 - CO detector activation due to malfunction
09/26/2020	2020-319	640 BEAN HILL RD	743 - Smoke detector activation, no fire - unintentional
09/28/2020	2020-322	600 RIVER DR	444 - Power line down

Total # of Incidents for DOV66 - DUTY VEHICLE : 14

Apparatus : E661 - ENGINE 661			
09/01/2020	2020-281	59 MICHELLE DR	552 - Police matter
09/04/2020	2020-284	1623 JUDIE LN	651 - Smoke scare, odor of smoke
09/05/2020	2020-285	550 KENSINGTON RD	531 - Smoke or odor removal
09/06/2020	2020-286	101 TIMBER DR	442 - Overheated motor
09/06/2020	2020-287	280 STONE MILL RD	440 - Electrical wiring/equipment problem, other
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other
09/13/2020	2020-300	1234 MILLERSVILLE PIKE	600 - Good intent call, other
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional
09/19/2020	2020-307	230 N PRESIDENT AVE	730 - System malfunction, other
09/19/2020	2020-308	21 BARON DR	113 - Cooking fire, confined to container
09/19/2020	2020-310	24 CHARLES RD	746 - Carbon monoxide detector activation, no CO
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency
09/24/2020	2020-316	1301 MAPLE AVE	736 - CO detector activation due to malfunction
09/26/2020	2020-319	640 BEAN HILL RD	743 - Smoke detector activation, no fire - unintentional
09/28/2020	2020-322	600 RIVER DR	444 - Power line down
09/29/2020	2020-323	1101 MILLERSVILLE PIKE	744 - Detector activation, no fire - unintentional

Total # of Incidents for E661 - ENGINE 661 : 18

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
Apparatus E663 - ENGINE 663			
09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries
09/05/2020	2020-285	550 KENSINGTON RD	531 - Smoke or odor removal
09/08/2020	2020-291	1710 JUDIE LN	100 - Fire, other
09/10/2020	2020-297	1408 LITITZ PIKE	111 - Building fire
09/11/2020	2020-298	1003 E KING ST	100 - Fire, other
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other
09/19/2020	2020-307	230 N PRESIDENT AVE	730 - System malfunction, other
09/19/2020	2020-310	24 CHARLES RD	746 - Carbon monoxide detector activation, no CO
09/22/2020	2020-314	1400 SPRINGSIDE DR	531 - Smoke or odor removal
09/28/2020	2020-322	600 RIVER DR	444 - Power line down
09/29/2020	2020-325	13 W LIBERTY ST	111 - Building fire
09/30/2020	2020-326	1234 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route

Total # of Incidents for E663 - ENGINE 663 : 12

Apparatus STA-N - North Station			
09/09/2020	2020-293	1298 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency
09/27/2020	2020-320	465 W MAIN ST	611 - Dispatched & cancelled en route
09/29/2020	2020-325	13 W LIBERTY ST	111 - Building fire

Total # of Incidents for STA-N - North Station : 7

Apparatus POV - POV			
09/01/2020	2020-281	59 MICHELLE DR	552 - Police matter
09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries
09/05/2020	2020-285	550 KENSINGTON RD	531 - Smoke or odor removal
09/06/2020	2020-286	101 TIMBER DR	442 - Overheated motor
09/06/2020	2020-287	280 STONE MILL RD	440 - Electrical wiring/equipment problem, other
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional
09/08/2020	2020-290	320 E MAIN ST	551 - Assist police or other governmental agency
09/08/2020	2020-291	1710 JUDIE LN	100 - Fire, other
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/09/2020	2020-294	428 S WEST END AVE	510 - Person in distress, other
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries
09/09/2020	2020-296	3131 COLUMBIA AVE	111 - Building fire
09/11/2020	2020-299	1813 SPRING RIDGE LN	600 - Good intent call, other
09/13/2020	2020-300	1234 MILLERSVILLE PIKE	600 - Good intent call, other
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional
09/17/2020	2020-305	ROUTE 222	551 - Assist police or other governmental agency
09/19/2020	2020-307	230 N PRESIDENT AVE	730 - System malfunction, other
09/19/2020	2020-308	21 BARON DR	113 - Cooking fire, confined to container
09/19/2020	2020-310	24 CHARLES RD	746 - Carbon monoxide detector activation, no CO

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
09/20/2020	2020-311	1417 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency
09/22/2020	2020-314	1400 SPRINGSIDE DR	531 - Smoke or odor removal
09/22/2020	2020-315	2111 MILLERSVILLE RD	611 - Dispatched & cancelled en route
09/24/2020	2020-316	1301 MAPLE AVE	736 - CO detector activation due to malfunction
09/26/2020	2020-319	640 BEAN HILL RD	743 - Smoke detector activation, no fire - unintentional
09/28/2020	2020-322	600 RIVER DR	444 - Power line down
09/29/2020	2020-323	1101 MILLERSVILLE PIKE	744 - Detector activation, no fire - unintentional
09/29/2020	2020-325	13 W LIBERTY ST	111 - Building fire

Total # of Incidents for POV - POV : 28

Apparatus RES66 - RESCUE 66

09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries
09/13/2020	2020-301	1400 SPRINGSIDE DR	743 - Smoke detector activation, no fire - unintentional
09/15/2020	2020-303	2901 WILLOW STREET PIKE	571 - Cover assignment, standby, moveup
09/19/2020	2020-309	83 S MAIN ST	571 - Cover assignment, standby, moveup
09/22/2020	2020-315	2111 MILLERSVILLE RD	611 - Dispatched & cancelled en route

Total # of Incidents for RES66 - RESCUE 66 : 7

Apparatus STA-S - South Station

09/06/2020	2020-286	101 TIMBER DR	442 - Overheated motor
09/06/2020	2020-287	280 STONE MILL RD	440 - Electrical wiring/equipment problem, other
09/07/2020	2020-288	705 WYNCROFT TER	311 - Medical assist, assist EMS crew
09/09/2020	2020-293	1298 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route
09/09/2020	2020-294	428 S WEST END AVE	510 - Person in distress, other
09/13/2020	2020-300	1234 MILLERSVILLE PIKE	600 - Good intent call, other
09/15/2020	2020-303	2901 WILLOW STREET PIKE	571 - Cover assignment, standby, moveup
09/19/2020	2020-308	21 BARON DR	113 - Cooking fire, confined to container
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency
09/21/2020	2020-313	15 YARDLEY GRN	611 - Dispatched & cancelled en route
09/22/2020	2020-314	1400 SPRINGSIDE DR	531 - Smoke or odor removal
09/22/2020	2020-315	2111 MILLERSVILLE RD	611 - Dispatched & cancelled en route
09/25/2020	2020-317	1703 MARIETTA AVE	611 - Dispatched & cancelled en route
09/29/2020	2020-325	13 W LIBERTY ST	111 - Building fire

Total # of Incidents for STA-S - South Station : 14

Apparatus SQ661 - SQUAD 661

09/03/2020	2020-282	59 MICHELLE DR	311 - Medical assist, assist EMS crew
09/07/2020	2020-288	705 WYNCROFT TER	311 - Medical assist, assist EMS crew
09/08/2020	2020-291	1710 JUDIE LN	100 - Fire, other
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency

Total # of Incidents for SQ661 - SQUAD 661 : 4

Apparatus SQ665 - SQUAD 665

09/03/2020	2020-282	59 MICHELLE DR	311 - Medical assist, assist EMS crew
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INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
09/09/2020	2020-294	428 S WEST END AVE	510 - Person in distress, other
09/20/2020	2020-311	1417 MILLERSVILLE PIKE	611 - Dispatched & cancelled en route
09/21/2020	2020-312	WILSON AVE	551 - Assist police or other governmental agency

Total # of Incidents for SQ665 - SQUAD 665 : 4

Apparatus SQ662 - TRAFFIC/SQUAD 2

09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries

Total # of Incidents for SQ662 - TRAFFIC/SQUAD 2 : 2

Apparatus SQ663 - TRAFFIC/SQUAD 3

09/04/2020	2020-283	ROUTE 999	322 - Motor vehicle accident with injuries
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional
09/08/2020	2020-290	320 E MAIN ST	551 - Assist police or other governmental agency
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/09/2020	2020-295	1102 MILLERSVILLE PIKE	322 - Motor vehicle accident with injuries
09/11/2020	2020-298	1003 E KING ST	100 - Fire, other
09/17/2020	2020-305	ROUTE 222	551 - Assist police or other governmental agency

Total # of Incidents for SQ663 - TRAFFIC/SQUAD 3 : 7

Apparatus TRK66 - TRUCK 66

09/01/2020	2020-281	59 MICHELLE DR	552 - Police matter
09/04/2020	2020-284	1623 JUDIE LN	651 - Smoke scare, odor of smoke
09/06/2020	2020-286	101 TIMBER DR	442 - Overheated motor
09/06/2020	2020-287	280 STONE MILL RD	440 - Electrical wiring/equipment problem, other
09/07/2020	2020-289	318 N PRESIDENT AVE	743 - Smoke detector activation, no fire - unintentional
09/08/2020	2020-292	215 SECOND LOCK RD	551 - Assist police or other governmental agency
09/09/2020	2020-296	3131 COLUMBIA AVE	111 - Building fire
09/15/2020	2020-302	110 CENTERVILLE RD	700 - False alarm or false call, other
09/19/2020	2020-308	21 BARON DR	113 - Cooking fire, confined to container
09/24/2020	2020-316	1301 MAPLE AVE	736 - CO detector activation due to malfunction
09/26/2020	2020-318	1913 WHEATLAND AVE	611 - Dispatched & cancelled en route
09/26/2020	2020-319	640 BEAN HILL RD	743 - Smoke detector activation, no fire - unintentional
09/27/2020	2020-321	18 PRESTIGE LN	611 - Dispatched & cancelled en route

Total # of Incidents for TRK66 - TRUCK 66 : 13

Total # of Incidents for all Apparatus: 130



**SEPTEMBER 2020
REPORT
FOR
LANCASTER TOWNSHIP**

**SEPTEMBER 2020 SUMMARY OF POLICE ACTIVITIES WITHIN LANCASTER TOWNSHIP
BY THE MANHEIM TOWNSHIP POLICE DEPARTMENT**

- 63 Criminal Reports
- 314 Calls for Service
- 38 Arrests
- 27 Crash Investigations
 - No Fatal Crashes
- 177 Traffic Citations
- 73 Traffic Warnings
- No Overdose Incidents
- No Overdose Fatality Incidents

**YEAR (2020) TO DATE SUMMARY OF POLICE ACTIVITIES WITHIN LANCASTER
TOWNSHIP BY THE MANHEIM TOWNSHIP POLICE DEPARTMENT**

- 657 Criminal Reports
- 2956 Calls for Service
- 381 Arrests
- 262 Crash Investigations
 - No Fatal Crashes
- 1066 Traffic Citations
- 878 Traffic Warnings
- 15 Overdose Incidents
- 1 Overdose Fatality Incident

CRIMES and CLEARANCES

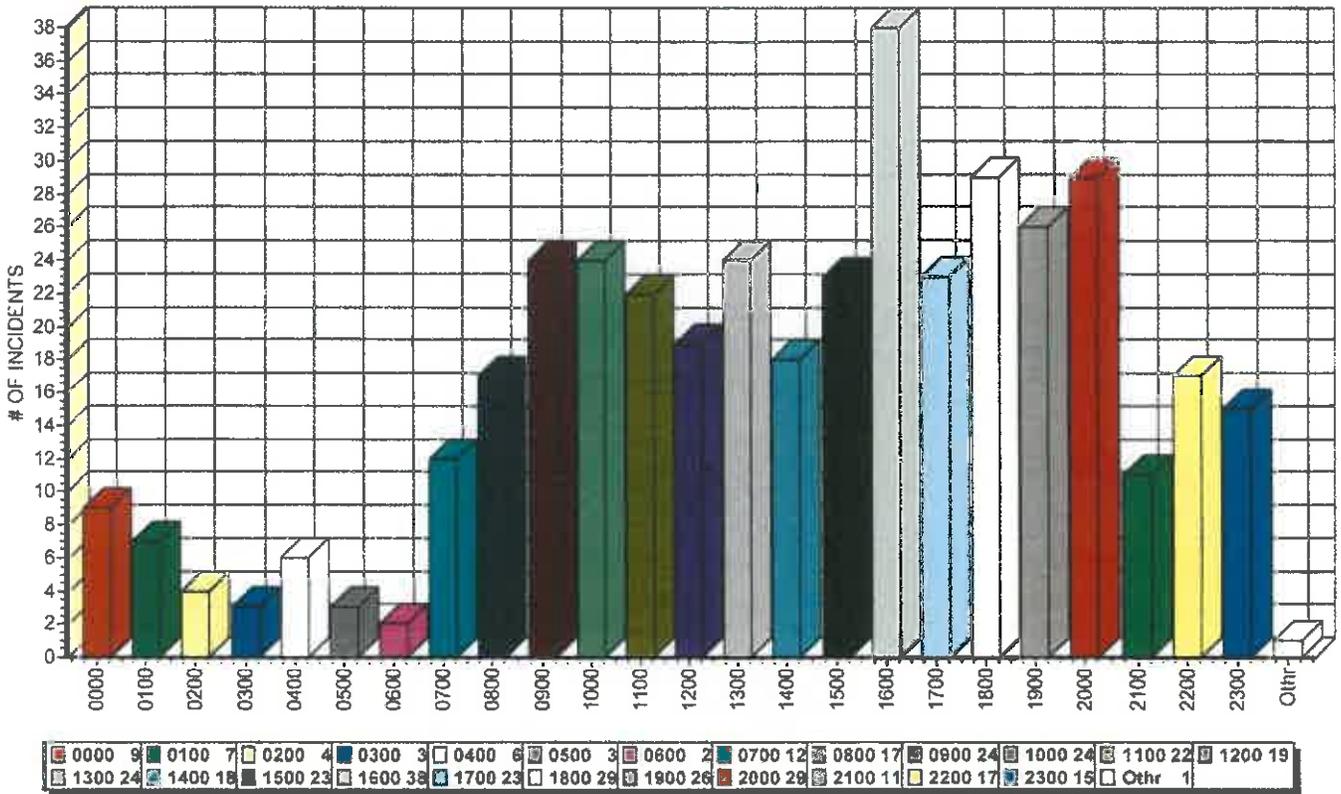
<u>Classification of Offenses</u>	September		Y - T - D 2020			Y - T - D 2019		
	<u>Actual</u>	<u>Cleared</u>	<u>Actual</u>	<u>Cleared</u>	<u>Percent</u>	<u>Actual</u>	<u>Cleared</u>	<u>Percent</u>
01A-Murder and Nonnegligent Manslaughter	0	0	0	0	0%	1	1	100%
01B-Manslaughter by Negligence	0	0	0	0	0%	0	0	0%
02A-Rape	0	0	2	0	0%	1	0	0%
02B-Assault to Rape - Attempts	0	0	0	0	0%	0	0	0%
03A-Robbery Firearm	0	0	5	1	20%	1	0	0%
03B-Robbery Knife or Cutting Instrument	0	0	0	0	0%	0	0	0%
03C-Robbery Other Dangerous Weapon	0	0	0	0	0%	0	0	0%
03D-Robbery Strong Arm (Hands,Feet,etc.)	0	0	2	2	100%	1	0	0%
04A-Assault Firearm	0	0	2	1	50%	1	0	0%
04B-Assault Knife or Cutting Instrument	0	0	2	2	100%	0	0	0%
04C-Assault Other Dangerous Weapon	1	1	1	1	100%	0	1	100%
04D-Assault Hands, Fist, Feet, Etc.	0	0	8	8	100%	11	11	100%
04E-Other Assaults-Not Aggravated	8	6	101	95	94%	148	144	97%
05A--Burglary Forcible Entry	0	0	0	0	0%	6	3	50%
05B-Burglary Unlawful Entry-No Force	0	0	0	0	0%	9	2	22%
05C-Burglary Attempted Forcible Entry	0	0	0	0	0%	0	0	0%
06-Larceny-Theft	24	9	182	84	46%	217	91	42%
07A-Motor Vehicle Theft-Autos	5	0	21	2	10%	22	8	36%
07B-Motor Vehicle Theft-Trucks and Buses	0	0	2	1	50%	0	0	0%
07C-Motor Vehicle Theft-Other Vehicles	0	0	1	1	100%	2	0	0%
090-Arson	0	0	1	1	100%	0	0	0%
Total Part I	38	16	330	199	60%	420	261	62%
100-Forgery and Counterfeiting	0	0	0	0	0%	5	3	60%
110-Fraud	0	0	13	3	23%	28	6	21%
120-Embezzlement	0	0	0	0	0%	0	0	0%
130-Stolen Prop.,Rec.,Possess.,Buying	0	0	0	0	0%	0	0	0%
140-Vandalism	4	0	56	9	16%	41	14	34%
150-Weapons Carrying,Possess,etc.	0	0	2	2	100%	4	4	100%
160-Prostitution and Commercialized Vice	0	0	0	0	0%	0	0	0%
170-Sex Offenses (except 02 and 160)	0	1	10	5	50%	14	5	36%
18A-Drug Sale/Mfg-Opium-Cocaine	0	0	2	2	100%	1	1	100%
18B-Drug Sale/Mfg-Marijuana	0	0	4	4	100%	1	1	100%
18C-Drug Sale/Mfg-Synthetic	0	0	0	0	0%	0	0	0%
18D-Drug Sale/Mfg-Other	0	0	0	0	0%	0	0	0%
18E-Drug Possession-Opium-Cocaine	1	2	7	8	100%	16	15	94%
18F-Drug Possession-Marijuana	6	6	48	49	100%	52	51	98%
18G-Drug Possession-Synthetic	0	0	0	0	0%	0	0	0%
18H-Drug Possession-Other	0	0	1	1	100%	1	1	100%
190-Gambling	0	0	0	0	0%	0	0	0%
200-Offenses Against Family & Children	0	0	2	2	100%	2	2	100%
210-Driving Under The Influence	2	2	24	22	92%	38	40	100%
220-Liquor Law	1	1	1	1	100%	2	2	100%
230-Drunkenness	1	1	22	22	100%	45	45	100%
240-Disorderly Conduct	1	1	9	7	78%	28	28	100%
250-Vagrancy	0	0	0	0	0%	0	0	0%
260-All Other Offenses (Except Traffic)	9	5	126	112	89%	128	115	90%
Total Part II	25	19	327	249	76%	406	333	82%
Total LANCASTER TWP	63	35	657	448	68%	826	594	72%

September LT 2020

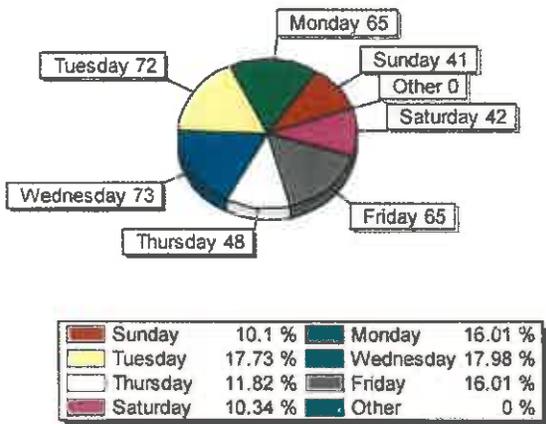
Manheim Township Police Department

10/01/2020 10:56:16

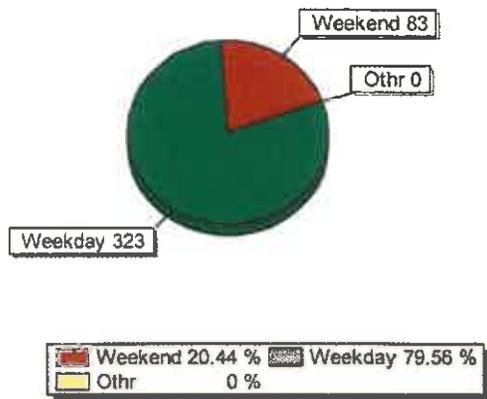
Incident Frequency by Hour of the Day (Using DATE RECD)



By Day of Week

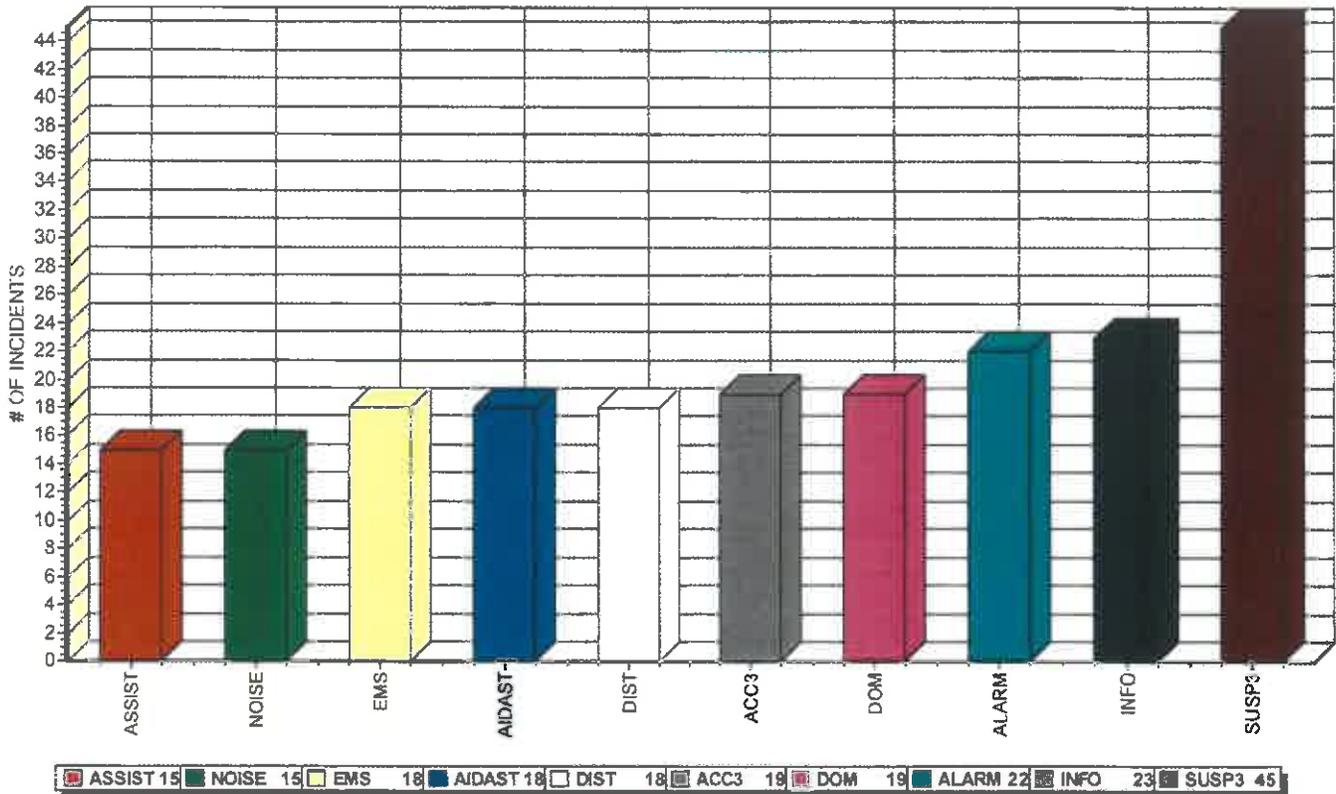


Weekday vs Weekend

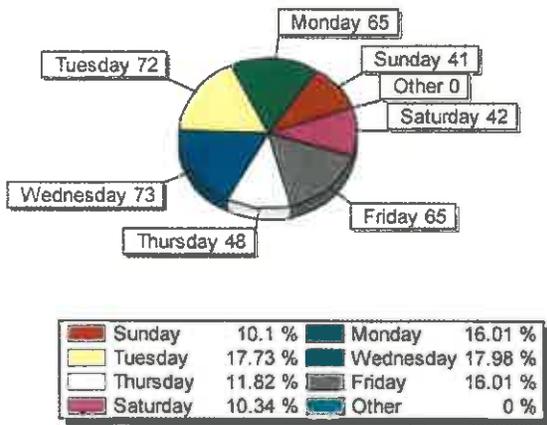


Search Criteria: BLOT.DATE_REC'D between '01-Sep-2020' and '30-Sep-2020' AND
 BLOT.PRI_AGCY = 'LT' AND
 BLOT.STATT = '0' OR
 BLOT.STATT = 'CAD' OR
 BLOT.STATT = 'CLOSED' OR
 BLOT.STATT = 'OPEN'

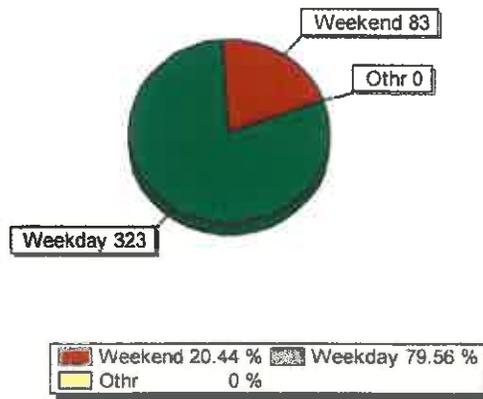
Incident Frequency by TYPE (Top 10 of 70 Shown) (Using DATE RECD)



By Day of Week



Weekday vs Weekend



Search Criteria: BLOT.DATE_REC'D between '01-Sep-2020' and '30-Sep-2020' AND
 BLOT.PRI_AGCY = 'LT' AND
 BLOT.STATT = '0' OR
 BLOT.STATT = 'CAD' OR
 BLOT.STATT = 'CLOSED' OR
 BLOT.STATT = 'OPEN'

MONTHLY MUNICIPAL REPORT

Month of September 2020: 22.67%

Municipality:

Danvers Twp

Contractor:

WMI

Recyclable Materials: *comingle/single stream, yard waste, cardboard-occ, ect

Comingle 154,960.00 lbs

Cardboard — lbs

Yard Waste 85,600.00 lbs

Leaves — lbs

Christmas trees — lbs

White Goods — lbs

Steel — lbs

Wood — lbs

Total pounds 240560

Equivalent Tons 120.28

Trash/Refuse Tons 40.22

I, the undersigned, hereby certify that all the information on this report is accurate to the best of my knowledge.

Contractor

Waste Mgmt
Jane Gummel
Jane Gummel

By

Signature

Date

10/7/2020

**LANCASTER AREA SEWER AUTHORITY
MINUTES OF REGULAR MEETING**

MAY 28, 2020

The Regular Board Meeting of the Lancaster Area Sewer Authority was held on May 28, 2020 at 130 Centerville Road, Lancaster, Pennsylvania.

The following Board members were present via conference call: Barry Smith, Ed Fisher, Tom Huber, Nick Sahd, Bill Laudien, Barry Kauffman, and Roy Weitzel. Also present via conference call were Rob Linthicum of RK&K, Dan Desmond and Matt Hennesy of Barley Snyder, Mike Kyle, Scot Fertich, Steve Przybylski, Mike Lehman, Melissa Lewis, Albert Knepp, Pete Hartmann, and Brian Wilcox of LASA.

Mr. Smith, Chairman of the Board, called the meeting to order at 7:30 a.m.

Mr. Smith called for Public Comments and there were none.

Mr. Smith asked for approval of the minutes of the Regular Meeting of April 23, 2020. A motion to approve the minutes of the meeting of April 23, 2020 and the disposition of the recordings of the meeting of April 23, 2020 in accordance with the Resolution passed April 25, 2019, was made by Mr. Huber, seconded by Mr. Sahd and unanimously approved by the Board.

Mr. Kyle recommended approval of the amended 2020-21 operating and capital budget. Mike Lehman, Financial Director for the Authority, provided a brief summary of amendments to the 2020-21 operating and capital budget. A motion to approve the amended 2020-21 operating and capital budget as presented was made by Mr. Weitzel, seconded by Mr. Fisher and unanimously approved by the Board.

Mr. Kyle recommended approval of Resolution #20-05-001, authorization to destroy specific records. A motion to approve Resolution #20-05-001, authorizing the destruction of specific records of the Authority was made by Mr. Huber, seconded by Mr. Sahd and unanimously approved by the Board.

Mr. Smith moved to Agenda item 12.A. and called for an Executive Session at 7:45 a.m. to discuss pending litigation.

The Executive Session ended at 8:15 a.m., at which time Mr. Smith called the regular meeting back to order.

Mr. Kyle recommended approval of the settlement and release agreement with Michael F. Ronca & Sons, Inc. A motion to approve the settlement and release agreement with Michael F. Ronca & Sons, Inc., for the Biosolids upgrade general construction contract, was made by Mr. Fisher, seconded by Mr. Huber and unanimously approved by the Board.

Mr. Kyle recommended approval of the final change order to Michael F. Ronca & Sons, Inc. A motion to approve the final change order to Michael F. Ronca & Sons, Inc., for Biosolids upgrade general construction contract for an additional amount of \$512,625.00 was made by Mr. Kauffman, seconded by Mr. Huber and unanimously approved by the Board.

Mr. Kyle recommended approval of the settlement and release agreement with Myco Mechanical, Inc. A motion to approve the settlement and release agreement with Myco Mechanical, Inc. for the Biosolids upgrade mechanical construction contract was made by Mr. Huber, seconded by Mr. Kauffman and unanimously approved by the Board.

Mr. Kyle recommended approval of the final change order to Myco Mechanical, Inc. A motion to approve the final change order to Myco Mechanical, Inc. for the Biosolids upgrade mechanical construction contract for an additional amount of \$132,157.00 was made by Mr. Fisher, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of the Asset Purchase Agreement for the purchase of the West Earl Township Authority sanitary sewer system. A motion to approve the Asset Purchase Agreement for the purchase of the West Earl Township Authority sanitary sewer system at a total amount of \$7,500,000.00, subject to authorized West Earl representatives

approving the amended Asset Purchase Agreement, was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of the Builder's Agreement for Traditions of America, Phase 1, conditioned on receipt of all required items. A motion to approve the Builder's Agreement for Traditions of America, Phase 1, TOA East Petersburg LLC, in East Hempfield Township and East Petersburg Borough conditioned on receipt of all required items, was made by Mr. Huber, seconded by Mr. Fisher and unanimously approved by the Board.

Mr. Smith moved to the Finance Committee report. Mr. Smith reported that all checks and requisitions have been reviewed and recommended approval of Administrative checks in the amount of \$1,292,674.05; Revenue Fund Requisition #752 in the amount of \$1,440,000.00; Bond Redemption & Improvement Fund Requisitions/Invoices #2100-1A through #2100-6H in the amount of \$76,164.07; Capital Asset & Replacement Fund Requisitions/Invoices #206-1A through #206-9L in the amount of \$1,287,129.05; 2015A Construction Fund Requisitions/Invoices #51-1A through #51-4D in the amount of \$1,963,337.88. A motion to approve all checks and requisitions as presented was made by Mr. Weitzel, seconded by Mr. Huber and unanimously approved by the Board.

Mr. Smith moved to the Operations Committee treatment discharge monitoring report. Mr. Smith asked if there were any questions on the monthly report and there were none. Mr. Smith asked if there were any questions or comments on projects underway and there were none.

Mr. Smith asked if there was anything to report from the Public Relations Committee and there was nothing to report.

Mr. Smith asked if there was anything to report from the Pension Committee and Mike Lehman, Financial Director for the Authority, provided a brief update on LASA's pension fund liability valuation.

Mr. Smith asked if there was anything to report from the Personnel Committee and there was nothing to report.

Mr. Smith moved to the Executive Director's Report. Mr. Kyle provided a brief update on the treatment plant TSS violations that were due to heavy rains, and the Authority's COVID pandemic planning.

Mr. Smith called for Other Business and there was nothing to report.

Mr. Smith called for Old Business and there was nothing to report.

Mr. Smith reported that there is no Chairman of the Authority Report.

Mr. Smith reported that the next regular meeting is June 25, 2020 at 7:30 a.m. at 130 Centerville Road (or conference call at 1-717-344-5869 access code 5678#).

Mr. Smith called for a motion to adjourn. Mr. Weitzel made a motion to adjourn and seconded by Mr. Laudien the meeting was adjourned at 8:32 a.m.

Edward C. Fisher
Secretary

**LANCASTER AREA SEWER AUTHORITY
MINUTES OF REGULAR MEETING**

JUNE 25, 2020

The Regular Board Meeting of the Lancaster Area Sewer Authority was held on June 25, 2020 via conference call.

The following Board members were present via conference call: Barry Smith, Ed Fisher, Tom Huber, Nick Sahn, Bill Laudien, Barry Kauffman, and Roy Weitzel. Also present via conference call were Rob Linthicum of RK&K, Dan Desmond and Don Geiter of Barley Snyder, Mike Kyle, Scot Fertich, Steve Przybylski, Mike Lehman, Melissa Lewis, Albert Knepp, Pete Hartmann, and Brian Wilcox of LASA.

Mr. Smith, Chairman of the Board, called the meeting to order at 7:30 a.m.

Mr. Smith called for Public Comments and there were none.

Mr. Smith asked for approval of the minutes of the Regular Meeting of May 28, 2020. A motion to approve the minutes of the meeting of May 28, 2020 and the disposition of the recordings of the meeting of May 28, 2020 in accordance with the Resolution passed April 23, 2020, was made by Mr. Fisher, seconded by Mr. Kauffman and unanimously approved by the Board.

Mr. Smith moved to Agenda Item 12.A.

Mr. Smith called for an Executive Session at 7:36 a.m. to discuss a potential litigation matter. The Executive Session ended at 8:35 a.m. at which time Mr. Smith called the regular meeting back to order and moved to Agenda Item 3.B.

Mr. Kyle recommended award of the contract for professional services to develop and test a cyber-security incident response plan to McNees, Wallace, and Nurick. A motion to award the contract for professional services to develop and test a cyber-security incident response plan to McNees, Wallace, and Nurick for an amount not to exceed \$12,000.00 was made by Mr. Smith, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of Resolution #20-06-001, accepting Deed of Dedication for Stone Fence Phase 2. A motion to approve Resolution #20-06-001, accepting Deed of Dedication for Stone Fence Phase 2, Costello Builders, in East Hempfield Township, was made by Mr. Smith, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of Resolution #20-06-002, accepting Deed of Dedication for Landis Farm Phase 3. A motion to approve Resolution #20-06-002, accepting Deed of Dedication for Landis Farm Phase 3, Landis Farm, LLC, in East Hempfield Township was made by Mr. Smith, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract for engineering services for the Lower Little Conestoga Creek interceptor Phase 2 rehabilitation project to RK&K. A motion to approve the contract for engineering services for the Lower Little Conestoga Creek interceptor Phase 2 rehabilitation project to RK&K for an amount not to exceed \$94,630.00 was made by Mr. Smith, second by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of the sewer capacity lease agreement for the State Road medical facility temporary construction trailer discharge. A motion to approve the sewer capacity lease agreement for the State Road medical facility temporary construction trailer discharge with B.R. Kreider & Son, Inc. was made by Mr. Smith, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Smith moved to the Finance Committee report. Mr. Smith reported that all checks and requisitions have been reviewed and recommended approval of Administrative checks in the amount of \$536,545.21; Revenue Fund Requisition #753 in the amount of \$650,000.00; Bond Redemption & Improvement Fund Requisitions/Invoices #2101-1A through #2101-7H in the

amount of \$12,093.92; Capital Asset & Replacement Fund Requisitions/Invoices #207-1A through #207-5F in the amount of \$505,771.29; 2015A Construction Fund Requisitions/Invoices #52-1A in the amount \$12,590.00. A motion to approve all checks and requisitions as presented was made by Mr. Smith, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Smith moved to the Operations Committee treatment discharge monitoring report. Mr. Smith asked if there were any questions on the monthly report and there were none. Mr. Smith asked if there were any questions or comments on projects underway and there were none.

Mr. Smith asked if there was anything to report from the Public Relations Committee and there was nothing to report.

Mr. Smith asked if there was anything to report from the Pension Committee and there was nothing to report.

Mr. Smith asked if there was anything to report from the Personnel Committee and there was nothing to report.

Mr. Smith moved to the Executive Director's Report. Mr. Kyle provided brief updates on the emergency interceptor repair, the biosolids upgrade project, the treatment plant upgrade basis of design project, and the West Earl Township sewer system.

Mr. Smith called for Other Business and there was nothing to report.

Mr. Smith called for Old Business and there was nothing to report.

Mr. Smith reported that there is no Chairman of the Authority Report.

Mr. Smith reported on the status of the annual LASA municipality dinner meeting in light of the pandemic. After some discussion, it was the consensus of the Board to have staff explore possibilities to hold the annual dinner meeting if it can take place safely.

Mr. Smith reported that the next regular meeting is July 23, 2020 at 7:30 a.m. at 130 Centerville Road (or conference call at 1-717-344-5869 access code 5678#).

Mr. Smith made a motion to adjourn and seconded by Mr. Weitzel the meeting was adjourned at 8:56 a.m.

Edward C. Fisher
Secretary

**LANCASTER AREA SEWER AUTHORITY
MINUTES OF REGULAR MEETING**

JULY 23, 2020

The Regular Board Meeting of the Lancaster Area Sewer Authority was held on July 23, 2020 at 130 Centerville Road, Lancaster, Pennsylvania.

The following Board members were present: Barry Smith, Tom Huber, and Nick Sahd. Also present were Mike Kyle, Scot Fertich, and Albert Knepp of LASA. The following Board members were present via conference call: Ed Fisher, Bill Laudien, and Barry Kauffman. Also present via conference call were Matt Crow of Hazen and Sawyer, Craig Witmer of Smith Elliot and Kearns, Dan Desmond of Barley Snyder, Mike Schober of ARRO, Chris Gibbons of Concord Public Financial Advisors, Cindy Zawrotuk of GHD, Rob Linthicum of RK&K, Mike Lehman, Steve Przybylski, and Melissa Lewis of LASA.

Mr. Smith, Chairman of the Board, called the meeting to order at 7:30 a.m.

Mr. Smith called for Public Comments and there were none.

Mr. Smith asked for approval of the minutes of the Regular Meeting of June 25, 2020. A motion to approve the minutes of the meeting of June 25, 2020 and the disposition of the recordings of the meeting of June 25, 2020 in accordance with the Resolution passed April 23, 2020, was made by Mr. Huber, seconded by Mr. Sahd and unanimously approved by the Board.

Mr. Kyle recommended authorization to notify the Borough of Columbia LASA's intent to utilize funds from a bond issuance to prepay the outstanding Debt Service of the Borough's 2010 Build America Bonds, and upon such payment for the Subsidiary Agreement to be terminated.

After some brief discussion, Mr. Sahd made the following motion: Pursuant to the Subsidy Agreement between LASA and Columbia dated May 27, 2015, to notify the Borough of Columbia in writing of LASA's intent to utilize funds from a bond issuance to occur in October 2020, to prepay the outstanding Debt Service of the Borough's 2010 Build America Bonds, effective November 1, 2020, and, upon such payment, for the Subsidiary Agreement to be terminated in all respects. The motion was seconded by Mr. Huber and unanimously approved by the Board.

Mr. Smith moved to the Independent Auditors' report. Craig Witmer from Smith Elliott Kearns and Company, LLC gave a brief overview of the report to the Board. He reviewed the financial statements, the management letter, and the communications letter with the Board.

Mr. Smith on behalf of the Board thanked Mr. Witmer for his report.

Mr. Smith asked for approval and acceptance of the statements and the auditors' report. Mr. Sahd moved that the audited Financial Statements and the Audit Results for fiscal year ending March 31, 2020 be accepted and approved as presented; the motion was seconded by Mr. Huber and unanimously approved by the Board.

Mr. Kyle recommended approval of the City of Lancaster escrow agreement for oxygen plant improvements engineering design. A motion to approve the City of Lancaster escrow agreement for oxygen plant improvements engineering design, for a total cost to LASA not to exceed \$13,160.00 was made by Mr. Sahd, seconded by Mr. Huber and unanimously approved by the Board.

Mr. Kyle recommended approval of the fee amendment to the Buchart Horn engineering contract for the LASA Biosolids project. A motion to approve the fee amendment to the Buchart Horn engineering contract for the LASA Biosolids project, for an additional amount of \$26,400.00 was made by Mr. Huber, seconded by Mr. Sahd and unanimously approved by the Board.

Mr. Kyle recommended approval of the agreement to purchase nitrogen credits from the Wyoming Valley Sanitary Authority. A motion to approve the agreement to purchase nitrogen credits not to exceed 80,000 credits at \$4.75 per credit from the Wyoming Valley Sanitary

Authority, for a total cost of \$380,000.00 for the LASA treatment plant was made by Mr. Sahd, seconded by Mr. Huber and unanimously approved by the Board.

Mr. Smith moved to the Finance Committee report. Mr. Smith reported that all checks and requisitions have been reviewed and recommended approval of Administrative checks in the amount of \$959,376.56; Revenue Fund Requisition #754 in the amount of \$1,250,000.00; Bond Redemption & Improvement Fund Requisitions/Invoices #2102-1A through #2102-8H in the amount of \$207,797.40; Capital Asset & Replacement Fund Requisitions/Invoices #208-1A through #208-5F in the amount of \$402,256.16; 2015A Construction Fund Requisitions/Invoices #53-1A through #53-2B in the amount \$98,755.00. The Motion was seconded by Mr. Huber and unanimously approved by the Board.

Mr. Smith moved to the Operations Committee treatment discharge monitoring report. Mr. Smith asked if there were any questions on the monthly report and there were none. Mr. Smith asked if there were any questions or comments on projects underway and there were none.

Mr. Smith asked if there was anything to report from the Public Relations Committee and Tom Huber, Public Relations Chair for the Authority, reported that there was an article in the Lancaster Newspaper regarding the recent cyber attack of the Authority.

Mr. Smith asked if there was anything to report from the Pension Committee and Mike Lehman, Financial Director for the Authority, provided a brief update on LASA's pension fund liability valuation.

Mr. Smith asked if there was anything to report from the Personnel Committee and there was nothing to report.

Mr. Smith moved to the Executive Director's Report. Mr. Kyle provided brief updates on the biosolids upgrade project, the maintenance building expansion project, the Lower Little Conestoga interceptor rehabilitation project phase 2, and the cyber security incident response plan.

Mr. Kyle announced that Barry Smith, Chairman of the Board for the Authority, has qualified for the PA Municipal Authorities Association's Sahli Service Award, recognizing 20 years of service to a municipal authority.

Mr. Smith called for Other Business and there was nothing to report.

Mr. Smith called for Old Business and there was nothing to report.

Mr. Smith reported that there is no Chairman of the Authority Report.

Mr. Smith reported that the next regular meeting is August 27, 2020 at 7:30 a.m. at 130 Centerville Road (or conference call at 1-717-344-5869 access code 5678#).

Mr. Smith called for a motion to adjourn. Mr. Sahd made a motion to adjourn and seconded by Mr. Huber the meeting was adjourned at 8:10 a.m.

Edward C. Fisher
Secretary

**LANCASTER AREA SEWER AUTHORITY
MINUTES OF REGULAR MEETING**

AUGUST 27, 2020

The Regular Board Meeting of the Lancaster Area Sewer Authority was held on August 27, 2020 at 130 Centerville Road, Lancaster, Pennsylvania.

The following Board members were present: Barry Smith, Tom Huber, and Roy Weitzel. Also present were Mike Kyle and Melissa Lewis of LASA. The following Board members were present via conference call: Ed Fisher, Nick Sahd, Bill Laudien, and Barry Kauffman. Also present via conference call were Dan Desmond of Barley Snyder, Chris Gibbons of Concord Public Financial Advisors, Rob Linthicum of RK&K, Mike Lehman, Scot Fertich, Brian Wilcox, Pete Hartmann, and Steve Przybylski of LASA.

Mr. Huber, Vice Chairman of the Board, called the meeting to order at 7:30 a.m.

Mr. Huber called for Public Comments and there were none.

Mr. Huber asked for approval of the minutes of the Regular Meeting of July 23, 2020. Mr. Smith moved to approve the minutes of the meeting of July 23, 2020 and the disposition of the recordings of the meeting of July 23, 2020 in accordance with the Resolution passed April 23, 2020. Mr. Weitzel seconded the motion, the Board unanimously approved.

Mr. Kyle recommended approval of Resolution #20-08-001, authorizing the 2020 bonds parameters. Mr. Lehman, Financial Director for the Authority gave a brief description of how the 2020 bonds would be used. Mr. Smith moved to approve Resolution #20-08-001, authorizing the 2020 bonds parameters. Mr. Weitzel seconded the motion, the Board unanimously approved.

Mr. Kyle recommended approval of the City of Lancaster escrow agreement for improvements to the City of Lancaster treatment plant electrical service – construction and construction management. Mr. Weitzel moved to approve the City of Lancaster escrow agreement for improvements to the City of Lancaster treatment plant electrical service – construction and construction management for a total cost to LASA not to exceed \$625,100.00. Mr. Smith seconded the motion, the Board unanimously approved.

Mr. Kyle recommended award of the contracts to prepare the first arbitrage reports for the series 2015 and Series 2015A bonds as well as the final arbitrage reports for the Series 2013 and Series 2017 bond issues to be refunded October 27, 2020 to Arbitrage Rebate Counselors. Mr. Smith moved to approve the award of the contracts to prepare the first arbitrage reports for the series 2015 and Series 2015A bonds as well as the final arbitrage reports for the Series 2013 and Series 2017 bond issues to be refunded October 27, 2020, to Arbitrage Rebate Counselors for a total cost of \$7,800.00. Mr. Weitzel seconded the motion, the Board unanimously approved.

Mr. Kyle recommended conditional approval of the Builder's Agreement for Penn State Health Lancaster Medical Center and Brookside Final Phase 1, 2701 State Road LLC. Mr. Smith moved to conditionally approve the Builder's Agreement for Penn State Health Lancaster Medical Center and Brookside Final Phase 1, 2701 State Road LLC, in East Hempfield Township, conditioned on receiving the remaining required submittals. Mr. Weitzel seconded the motion, the Board unanimously approved.

Mr. Kyle recommended award of the engineering services contract for the Lower Little Conestoga Creek interceptor Phase 3 rehabilitation project to RK&K. Mr. Weitzel moved to approve the award of the engineering services contract for the Lower Little Conestoga Creek interceptor Phase 3 rehabilitation project to RK&K for an amount not to exceed \$94,630.00. Mr. Smith seconded the motion, the Board unanimously approved.

Mr. Huber moved to the Finance Committee report. Mr. Weitzel reported that all checks and requisitions have been reviewed and moved to approve Administrative checks in the amount of \$1,390,363.33; Revenue Fund Requisition #755 in the amount of \$1,430,000.00; Bond Redemption & Improvement Fund Requisitions/Invoices #2103-1A through #2103-6G in the amount of \$61,109.71; Capital Asset & Replacement Fund Requisitions/Invoices #209-1A

through #209-6K in the amount of \$24,669.39; 2015A Construction Fund Requisitions/Invoices #54-1A through #54-1B in the amount \$2,520.00. Mr. Smith seconded the motion, the Board unanimously approved.

Mr. Huber moved to the Operations Committee treatment discharge monitoring report. Mr. Huber asked if there were any questions on the monthly report and there were none. Mr. Huber asked if there were any questions or comments on projects underway and there were none.

Mr. Huber asked if there was anything to report from the Public Relations Committee and there was nothing to report.

Mr. Huber asked if there was anything to report from the Pension Committee and Mike Lehman, Financial Director for the Authority, provided a brief update on LASA's pension fund liability valuation.

Mr. Huber asked if there was anything to report from the Personnel Committee and Mr. Kyle, Executive Director for the Authority, reported two new hires are expected to start within the next 2 months.

Mr. Huber moved to the Executive Director's Report. Mr. Kyle provided brief updates on the biosolids upgrade project, the maintenance building expansion project, the treatment plant upgrade basis of design, COVID pandemic planning, and the upcoming PA Municipal Authorities Association (PMAA) virtual conference.

Mr. Huber called for Other Business and there was nothing to report.

Mr. Huber called for Old Business and there was nothing to report.

Mr. Huber reported that there is no Chairman of the Authority Report.

Mr. Huber reported that the next regular meeting is September 24, 2020 at 7:30 a.m. at 130 Centerville Road (or conference call at 1-717-344-5869 access code 5678#).

Mr. Huber called for a motion to adjourn. Mr. Smith moved to adjourn. Mr. Weitzel seconded the motion, the Board unanimously approved, the meeting was adjourned at 8:03 a.m.

Edward C. Fisher
Secretary

Minutes of Suburban Lancaster Sewer Authority

August 27, 2020

The Board of Suburban Lancaster Sewer Authority conducted a remote meeting from the offices of CDM Smith at 280 Granite Run Drive, Suite 160, Lancaster, Pennsylvania, on August 27, 2020 at 4:00 P.M.

The following members of the Board participated by teleconference: James Witman, Randal E. Moyer, Devin Groff, Ruth Hocker and Cynthia Evans-Herr. Also participating by teleconference were Thomas C. Donahue, P.E. and Byrne Remphrey, P.E. of CDM Smith, Consulting Engineers.

The minutes of the July meeting were read and, upon motion made by Devin Groff, seconded by Ruth Hocker, were unanimously approved as submitted.

CORRESPONDENCE: Chairman James K. Witman reviewed all of the items of correspondence received since the last meeting, copies of which are filed with and incorporated into these minutes by reference. He also indicated that Ruth Hocker is resigning from her job with the City and accepting employment elsewhere, and as a result, will be resigning from the Board. The Authority asked the engineer to contact the City's new appointment.

PUBLIC COMMENT: Scott Kramer, financial advisor from RBC Capital Markets and William McCarty of Barley Snyder were in attendance to report that the closing for refinancing the Authority's 2017 bank loan is scheduled for September 1, 2020. The pre-signing is scheduled for August 31st.

CONSULTING ENGINEER'S REPORT: Thomas C. Donahue P.E. and Byrne Remphrey, P.E. of CDM Smith reviewed the monthly Engineer's Report, a copy of which is filed with and incorporated into these minutes by reference and discussed the following:

1. Review of Developers' Plans:

a. Meadia Heights Golf Club – CDM Smith received a letter dated August 14, 2020 from CGA Architects, on behalf of Meadia Heights Golf Club, requesting two (2) additional EDUs of sewage capacity for a proposed outdoor pool and pool house containing a bar area (including simple food preparation) and rest rooms/changing rooms. The golf club property is located at 402 Golf Road in West Lampeter Township. The existing sewer account (No. 9419-0) is a 10 EDU monthly metered account. Based on the Authority's rate resolution, an additional 2 EDUs of sewage capacity seems reasonable for the project. CDM Smith will confirm that sufficient sewage capacity is available in Authority's system. A motion was made by Ruth Hocker, seconded by Cynthia Evans-Herr to approve this

capacity request, contingent of receipt of a capacity approval letter from West Lampeter Township. The motion carried unanimously.

b. RV Value Mart – CDM Smith received a letter dated July 27, 2020 from DC Gohn Associates, Inc., on behalf of JKL Estates, LLC, requesting that no additional sewage capacity be required for the proposed redevelopment/expansion of the RV Value Mart, Inc. property at 2716 and 2718 Willow Street Pike in West Lampeter Township. The existing property includes a house, a 1,700 SF office building, and 5,600 SF shop/service building (including a wash bay). For the existing house and the business on the property, there are separate sewer laterals and separate sewer accounts (9426-0 is a 1 EDU quarterly metered account for the business and 9427-0 is a 1 EDU flat rate account for the house). The proposed redeveloped property will include the existing house and a new 15,400 SF building containing offices and shop/service areas including a wash bay for 15 employees. A trench drain in the wash bay and floor drains in the shop/service bays are proposed to drain to a 1,000 gallon grease/oil separator prior to discharge to the public sewer system, as permitted by the City of Lancaster. Based on the Authority's rate resolution, additional sewage capacity (2 to 3 EDUs) is needed for this redeveloped property. The Authority concurred with this assessment and asked CDM Smith to respond to DC Gohn accordingly. CDM Smith will confirm that sufficient sewage capacity is available in the Authority's system after a revised capacity request for an acceptable number of additional EDUs is submitted.

2. Review of Developer's Plans:

a. As detailed in the Development Plan Status Report included in the August Engineer's Report, CDM Smith reported reviewing development plans (initial or revised) for one development project, Penn Grant Commons West. The Authority asked to be copied on our further review comments for this project.

b. For the Meadows at Strasburg development in Strasburg Township, CDM Smith reported providing requested Component 3 Sewage Planning Module input pertaining to the Authority's conveyance system to the developer's engineer (Rettew Associates).

c. For the Hawthorne Ridge development, an amended sanitary sewer easement agreement from Barley Snyder, LLP was, upon motion made by Ruth Hocker, seconded by Cynthia Evans-Herr, approved unanimously and executed by the Authority.

3. Municipal Partners:

a. CDM Smith reported that the next escrow payments due will be for the design of Oxygen Plant Improvements at the WWTP; WWTP Special and Emergency Improvements Deposit No. 5; planning and design of the New North Secondary Clarifier and Return Sludge Pumping Station; and construction of a primary electric service upgrade and transformer replacements at the WWTP. Upon motion made by Devin Groff, seconded by Ruth Hocker, the Board approved Escrow Agreement No. 2 for the primary electric service upgrade unanimously and executed the Agreement.

b. Along with the flow invoice for the second quarter of 2020, the City provided the Authority's recalculated rate per thousand gallons for 2019. The recalculated rate for 2019 is \$0.8595 compared to the prior billed rate of \$0.8243. As a result of this rate increase, the additional amount owed by the Authority to the City for 2019 and the first quarter of 2020 is \$37,871. The corresponding additional amount owed to the Authority from Strasburg Borough is \$4,306.90.

c. CDM Smith reported receiving a 2019 Hydraulic Flow Penalty Summary for the Municipal Partners from the City on August 26, 2020. The Authority is owed a penalty refund of \$7,599.11 for 2019. After receiving a check from the City for this amount, CDM Smith will refund Strasburg Borough its share of the amount.

d. CDM Smith reported being copied on an approval letter dated August 26, 2020 from the PADEP to the City of Lancaster regarding the City's Annual Chapter 94 Report for 2019 (which incorporates the Annual Chapter 94 Reports of all the Municipal Partners including the Authority).

4. Financial Matters:

a. QuickBooks Conversion – CDM Smith reported that it, along with Trout CPA, has completed moving most of the Authority's financials to a modern accounting software system (QuickBooks). As of July 1, 2020, QuickBooks is being implemented for the Authority's financials. Some pending audited amounts for fiscal year 2019 will need to be entered for a few accounts/funds before fully complete budget updates can be generated routinely with QuickBooks for the Authority.

b. Annual Audit – CDM Smith reported that Trout, CPA has begun preparing the annual audit for fiscal year 2019. CDM Smith has provided Trout with scanned/digital copies of all the items/documentation listed on Trout's initial audit request list.

5. Baseline Tapping Fee EDUs: CDM Smith reported its progress with the annual process of determining whether or not any additional tapping fees can be assessed to metered accounts, in circumstances where flows over the past year have exceeded the baseline number of tapping fee EDUs that was first established in 2012. CDM Smith's prior preliminary evaluation indicated that consumption figures over the past year exceeded the baseline number of EDUs for 7 of the 22 monthly metered (MM) accounts (which are the largest of the metered customers) and 7 of the 64 quarterly metered (QM) accounts. Further data analysis for these 14 identified metered accounts revealed only 2 MM accounts and 3 QM accounts actually exceeded respective baseline EDUs. As previously discussed, CDM Smith is proceeding with contacting these 5 metered customers to notify them of their capacity exceedances, to discuss possible sewer/water problems at their facilities, and to seek resolution with each customer. For the largest of these metered accounts (Willow Valley Manor), the high flows were confirmed by the City of Lancaster to be due a water metering error. Therefore, the Authority's billing service has provided a credit to this account for prior sewer bills that were based on incorrectly high meter readings. CDM Smith will review further findings at the September meeting.

6. Operation and Maintenance Issues:

a. Grease - CDM Smith reported on grease cleaning at Sterling Place pumping station. As reported at the July meeting, CDM Smith contacted the property manager at Waterford at Sterling Place Apartments to discuss the excessive grease problem at Sterling Place Pumping Station. The property manager acknowledged the problem and, in response, issued a letter dated August 24, 2020 to the residents of the apartment complex. The property manager also asked that CDM Smith follow up with her to confirm if the letter results in a reduction of grease accumulation at the station. The Authority expressed a preference for the owner to address the grease problem at the apartment complex over reinstatement of a grease surcharge. The Authority also suggested the idea of requesting that garbage disposal units be removed in all the apartments.

For the 3-month biological additive trial completed in June, CDM Smith presented a preliminary/ draft technical memorandum of the compiled monitoring results/data, key findings, and a cost-benefit analysis relative to current methods of handling grease and odors (Bioxide and grease disposal at a landfill). CD Smith's preliminary analysis also included discussion of the successful reattempt by JG Environmental to prescreen a large sample of grease from the Authority's system to enable the grease to be disposed at a treatment facility (sludge digester) rather than at a landfill. This second grease pre-screening attempt was conducted as a demonstration on July 14 at Derry Township WWTP by JG Environmental and Envirep using a specialized trailer-mounted mechanical screening unit (The Beast as manufactured by Enviro-Care). Based on the preliminary findings, results, and costs presented by CDM Smith at the July meeting, the Authority expressed an initial preference to fully implement use of the biological additive (from Kroff Chemical/Microbial Discovery Group), along with Kroff's version of Bioxide, over the Authority's current grease and odor handling methods. The Authority also suggested that CDM Smith share its technical memorandum with the City and possibly with other municipal partners after it is finalized. CDM Smith will finalize the draft technical memorandum for further discussion and decision making at the September meeting.

b. Mill Creek Pump Station: Eastern Environmental Contractors, Inc. is proceeding with Pump No. 1 replacement work and the pump has been ordered with shipment set for late October.

On August 6, City maintenance personnel found that Pump No. 2 was not working. They investigated the problem and found that the pump impeller had become jammed with debris, which they were able to remove. When they turned the pump back on, they also found that the thrust bearings sounded bad and need to be replaced. With Pump No. 2 out of service, there are currently only two functioning pumps (Nos. 3 and 4) at the station and no available redundancy. Because the pump must be removed to replace these bearing, CDM Smith had Motor Technology Inc. pull the pump on August 11 and provide a cost estimate for the repair (for \$23,485) or pump replacement (for \$37,635) dated August 19. Upon motion made by Randal Moyer, seconded by Cynthia Evans-Herr, it was approved to proceed with the pump repair (rather than replacement) as an emergency repair situation due to the current lack of pumping redundancy at the station. the motion carried unanimously. The Authority also requested that CDM Smith keep in

regular contact with the pump manufacturer and Motor Tech to ensure the estimated repair timeline is met.

c. Millstream Village Pump Station – At the November 2019 Authority meeting, the Authority authorized CDM Smith to move forward with running 3-phase power to the station as an electrical upgrade to replace the obsolete phase converter (Add-A-Phase). CDM Smith subsequently prepared a scope of work to solicit cost proposals from several contractors (HEIM, Pagoda, and Garden Spot) for necessary appurtenant electrical work at the station. The Authority received only one estimate (\$83K) from an electrical contractor (HEIM) for the appurtenant site electrical work that was much higher than expected. As a result, CDM Smith prepared necessary bid documents (construction specifications and plans) for formal bidding of this work. The bid opening occurred on August 14. The low bid of \$118,943 (including \$48,943 for the appurtenant site electrical work and a \$70,000 allowance for PPL's work) was from Orbit Technology Services. Upon motion made by Devin Groff, seconded by Cynthia Evans-Herr, the Authority unanimously approved the award of a contract with Orbit Technology Services and issuance of a notice to proceed, contingent on CDM Smith / Blakinger Thomas' review of the bid documents, the contractor's references, and contract documentation. The motion carried unanimously.

d. Resiliency Planning - Bypassing Availability at Three Largest Pumping Stations – At the February meeting, CDM Smith reported that the City expressed a concern with resiliency at pumping stations that do not have bypass connections available on associated force mains (particularly the Lyndon Pumping Station). This type of station bypass could be utilized during construction of major station upgrades/repairs, or during an unforeseen catastrophic event at a pumping station. The City has a trailer-mounted, diesel powered pump that could be utilized with these types of connections. At the July meeting, CDM Smith presented a detailed technical memorandum to the Authority of its preliminary/conceptual bypass pump connection designs, descriptions, and budgetary cost estimates for each of the three largest stations. The estimated construction/installation costs were higher than the Authority expected, so the Authority asked CDM Smith to prepare a risk analysis for these three pumping stations for the full lifecycle of the proposed bypass connections.

e. Resiliency Planning – For Three Small Stations without a Backup Power Supply – At the November 2019 meeting, CDM Smith reported that during storm events, electrical power was disrupted at Jefferson Square Pump Station, which does not have a backup power supply (emergency generator). This is a liability for the Authority because the City is not always guaranteed to have equipment (vector truck, portable/trailer generator, etc.) available to prevent a spill. CDM Smith discussed general options for enhancing resiliency/redundancy at the stations without a backup power supply (Jefferson Square, Hans Herr and Roslyn Pump Stations). From discussion with City maintenance personnel, CDM Smith understands that power failures/disruptions rarely occur at more than one of these stations simultaneously. The Authority authorized CDM Smith to evaluate enhanced resiliency alternatives in accordance with the Authority's budgeted amount for resiliency planning for this fiscal year. Keystone Pump and Power can supply portable generators and explained they have experience installing minor Cam-Lok lug upgrades at similar pumping stations that enable connection of backup power (generator). For sizing of a portable generator or generators for this

purpose, CDM Smith requested some electrical information from the City in June for Jefferson Square and Roslyn Pump Stations (voltage, phase, amperage, and pump HP). The City has been authorized to call in a third party vactor truck vendor, if necessary, to prevent a sewage spill/overflow.

f. OmniSite Installations – CDM Smith reported that Envirep installed OmniSite units at Roslyn, Summer Breeze, and Willow Bend Farms Pumping Stations on August 17 and 18. These three pumping stations are the last of the Authority's 13 pumping stations where OmniSite units had not yet been installed.

g. Available Operator Report – The Available Operator Report for 2020 from the PADEP was completed by CDM Smith for the Authority's approval and signature at the August meeting. A motion was made by Cynthia Evans-Herr, seconded by Devin Groff, to approve the report. The motion carried unanimously.

7. Erosion within SLSA Easement near the City WWTP Outfall: CDM Smith reported its findings from investigating the outfall channel on August 26, 2020, while WWTP effluent flow was temporarily diverted and the outfall channel was dewatered. Photographs were shared with the Authority showing that the gabion baskets below the waterline have completely disintegrated and washed downstream and the concrete encasement for the Lyndon Forcemain is exposed, but not undermined. CDM Smith's next step will be to contact the LCCD / PADEP about conducting the stream bank restoration work under an emergency stream encroachment permit.

8. Infiltration /Inflow Evaluation: At the January meeting, the Board suggested that CDM Smith consider if comprehensive evaluation/investigation of inflow/infiltration (I/I) problems in the Authority's system would be worthwhile. At the February meeting, CDM Smith presented an outline of a suggested approach for an I/I program for the Authority's system. The Board directed CDM Smith to proceed with the desktop assessment portion of the suggestion I/I program. At the August meeting, CDM Smith reported making further progress compiling data for the desktop evaluation.

SOLICITOR'S REPORT: Frank P. Mincarelli of Blakinger Thomas, PC was on vacation and therefore absent from the meeting. He submitted a written report via email on August 13th in which he informed the Board of the actions taken since the July meeting to collect delinquent sewer accounts. He received a list from the billing agent itemizing 182 accounts that were at least 2 quarters, and many as much as 3 quarters, in arrears in payment. Thirty-day notices of intent to lien were issued by certified mail to each of these accounts.

1. The following requisitions for payment from the Authority's trust accounts were presented for the Board's consideration:

a) Construction Fund Requisition C-02-687 payable to CDM Smith, for Invoice No. 90104638 in the amount of \$9,476.25; and

b) Revenue Fund Requisition #R96-253 payable to SLSA's administrative checking account for administrative expenses in the amount of \$230,000.

A motion was made by Devin Groff, seconded by Randal E. Moyer, to approve the foregoing requisitions as presented. The motion carried unanimously.

TREASURER'S REPORT: Tom Donahue reported that the balance in the administrative checking account as of August 27, 2020, with all bills paid and requisitions processed, was \$91,797.21 and the balance in the escrow account as of that date was \$36,280.63.

A motion was made by Ruth Hocker, seconded by Cynthia Evans-Herr, to approve payment of all the bills and to accept the report as presented. The motion carried unanimously.

There being no further business, a motion was made by Randal E. Moyer, seconded by Devin Groff, to adjourn the meeting at 7:05 p.m., to meet again in regular session on Thursday, September 24th, at 4:00 P.M. by remote access. The motion carried unanimously.

(Asst.) Secretary

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ENGINEER'S REPORT
to the
SUBURBAN LANCASTER SEWER AUTHORITY

September 24, 2020

Prepared:

September 23, 2020

CDM
Smith

ENGINEER'S REPORT

SUBURBAN LANCASTER SEWER AUTHORITY

A. MANAGEMENT PLAN/CAPACITY REQUESTS

The Management Plan and Capacity Request List have been updated as of August 31, 2020 and are attached to this Engineer's Report. The monthly updates to both the EDU tracking by municipality and the tracking of developments without capacity reservation are also attached to this Engineer's Report.

Meadia Heights Golf Club – As previously reported, CDM Smith received a letter dated August 14, 2020 from CGA Architects, on behalf of Meadia Heights Golf Club, requesting two (2) additional EDUs of sewage capacity for a proposed outdoor pool and pool house containing a bar area (including simple food preparation) and rest rooms/changing rooms. The golf club property is located at 402 Golf Road in West Lampeter Township. The existing SLSA account (No. 9419-0) is a 10 EDU monthly metered account. CDM Smith confirmed that sufficient sewage capacity is available in SLSA's system for this project. At the August SLSA meeting, the Authority approved this capacity request, contingent on receipt of a capacity approval letter from West Lampeter Township. On September 4, CDM Smith notified CGA Architects and West Lampeter Township via email of SLSA's conditional approval. A capacity approval letter from the Township is still pending.

RV Value Mart – As previously reported, CDM Smith received a letter dated July 27, 2020 from DC Gohn Associates, Inc., on behalf of JKL Estates, LLC, requesting that no additional sewage capacity be required for the proposed redevelopment/expansion of the RV Value Mart, Inc. property at 2716 and 2718 Willow Street Pike in West Lampeter Township. The existing property includes a house, a 1,700 SF office building, and 5,600 SF shop/service building (including a wash bay). For the existing house and the business on the property, there are separate sewer laterals and separate sewer accounts (9426-0 is a 1 EDU quarterly metered account for the business and 9427-0 is a 1 EDU flat rate account for the house). The proposed redeveloped property will include the existing house and a new 15,400 SF building containing offices and shop/service areas including a wash bay for 15 employees. A trench drain in the wash bay and floor drains in the shop/service bays are proposed to drain to a 1,000 gallon grease/oil separator prior to discharge to the public sewer system, as permitted by the City of Lancaster. We subsequently learned from West Lampeter Township that the house contains two dwelling units, as confirmed by the owner. Based on the Authority's Tapping Fee Resolution, additional sewage capacity is needed for the proposed redeveloped/expanded business and the existing 2-unit house on the property. CDM Smith and Blakinger Thomas plan to discuss this matter with the Authority at the September meeting before CDM Smith responds to DC Gohn.

Since the July SLSA meeting, there have been no status changes for prior recent capacity inquiries for Millwood Road Lot 6 and the Melvin King farm.

The report of connections to the sewer system and permits issued during the month of August is attached to this Engineer's Report.

B. DEVELOPMENT PLANS/PROJECTS

The Development Plan Status Report is attached to this Engineer's Report. Since the August SLSA meeting, CDM Smith has reviewed development plans (initial or revised) for one development project, Penn Grant Commons West in Pequea Township. CDM Smith plans discuss several remaining comments/issues with this proposed development, particularly relative to SLSA's Goods Run Pumping Station property, with the Authority at the September meeting.

C. INSPECTIONS

During the month of August, CDM Smith inspected construction of new sewer extensions/facilities for Willow Valley SouthPointe at Lakes, Eshelman Mill Road Subdivision, Village Park, and Sheetz, and replacement/repair of a service lines at 1 Stockbridge Court and 1814 Lampeter Road. We also inspected new service connections at 707, 709, and 711 Danforth Circle of Summerfield; 346, 348, 350, and 352 Wendover Way of Willow Bend Farms; 9 and 10 Southside Drive of Penn Grant Commons Phase 4; and 598 Millwood Road (Lot 1).

D. MUNICIPAL PARTNERS

The next escrow payments due will be for the design of Oxygen Plant Improvements at the WWTP; construction of a primary electric service upgrade and transformer replacements at the WWTP; WWTP Special and Emergency Improvements Deposit No. 5; and planning and design of the New North Secondary Clarifier and Return Sludge Pumping Station.

E. FINANCIAL MATTERS

Debt Refinancing - Barley Snyder and RBC Capital Markets will be attending the September SLSA meeting to discuss final figures for refinancing SLSA's 2017 bank loan, which closed on September 1, 2020.

Annual Audit – As previously authorized, Trout CPA is proceeding preparing SLSA's annual audit for fiscal year 2019 and CDM Smith is providing Trout with further requested information. After the audit is finalized and some necessary audited figures are entered in SLSA's QuickBooks system, CDM Smith will be able to generate budget updates for SLSA routinely.

F. BASELINE TAPPING FEE EDUs

CDM Smith has progressed with the annual process of determining whether or not any additional tapping fees can be assessed to SLSA's metered accounts, in circumstances where flows over the past year have exceeded the baseline number of tapping fee EDUs that was first established in 2012. Our prior preliminary evaluation indicated that consumption figures over the past year exceeded the baseline number of EDUs for 7 of the 22 monthly metered (MM) accounts (which are the largest of the metered customers) and 7 of the 64 quarterly metered (QM) accounts. Further data analysis for these 14 identified metered accounts revealed only 2 MM accounts and 3 QM accounts actually exceeded respective baseline EDUs. As discussed with the Authority through the August meeting, CDM Smith is contacting these 5 metered customers to notify them of their capacity exceedances, to discuss possible sewer/water problems at their facilities, and to seek resolution with each customer. For one of these customers (Willow Valley Manor) the high flows were attributed to a faulty water meter, as confirmed by the City. We will review our further findings with the Authority at the September meeting.

G. SEWER SYSTEM OPERATION AND MAINTENANCE

A meeting was held with representatives of the City of Lancaster on September 9, 2020 to discuss operation and maintenance issues. A summary of ongoing issues discussed with the City is attached to

this Engineer's Report. The monthly update of the pumping station flow tabulation is also attached to this Engineer's Report.

H. EROSION WITHIN SLSA EASEMENT NEAR CITY WWTP OUTFALL

At the January SLSA meeting CDM Smith reported being informed by an inspector for Lancaster Township that the gabion baskets at the City's WWTP outfall (72" diameter) to the Conestoga River have begun to be undermined and collapse into the outfall channel. These gabion baskets were installed by SLSA when the Lyndon Forcemain was constructed, which runs under the outfall channel within a 20 feet wide sewer easement. A 36" diameter stormwater outfall of the Township also discharges to the WWTP outfall channel. CDM Smith retrieved SLSA's stream encroachment permit (GP-5) and design drawings for Lyndon Forcemain from archive to check for any provisions for maintenance responsibility of the gabion baskets. The City subsequently expressed concern to CDM Smith about this matter on July 7, 2020 (see emails attached to this Engineer's Report). At the July meeting, CDM Smith recommended investigating of this matter (including meeting with a contractor at the site) and development and evaluation of outfall channel restoration alternatives. The Authority concurred with these next steps. At the August meeting, CDM Smith reported our findings from investigating the outfall channel on August 26, 2020, while WWTP effluent flow was temporarily diverted and the outfall channel was dewatered. Photographs were shared with the Authority showing that the gabion baskets below the waterline have disintegrated and washed downstream and the concrete encasement for the Lyndon Forcemain is exposed, but not undermined. CDM Smith subsequently contacted the PADEP about conducting the stream bank restoration work under an emergency stream encroachment permit. The PADEP explained an emergency permit is unlikely and that design plans for the restoration will be required with the permit application. CDM Smith has begun considering alternative approaches for the stream bank restoration and directed the City to switch flow to the parallel Lyndon Forcemain (under New Danville Pike) until the restoration work is completed.

I. PRE-SLSA SEWER LINE REPLACEMENT PROJECT

This project had been on hold since April 2019 due to higher priority SLSA maintenance projects, particularly repair/replacement of controls, pumps, and appurtenances at certain SLSA stations. At the March 2020 meeting, CDM Smith reported having preliminary discussions with a pipe bursting equipment manufacturer (TT Technologies) regarding the application of this trenchless technology for to replace the pre-SLSA sewer lines. We subsequently conducted a site-walk with TT Technologies and NAPCO Pipe Company on July 15, 2020 to further discuss the feasibility of pipe bursting for this specific project. As discussed with the Authority at the July meeting, CDM Smith is proceeding with preparing a conceptual design and budgetary construction cost estimate for this sewer replacement project using pipe bursting methods.

J. INFILTRATION/INFLOW EVALUATION

At the January SLSA meeting, the Board suggested that CDM Smith consider if comprehensive evaluation/investigation of inflow/infiltration (I/I) problems in SLSA's system would be worthwhile. At the February meeting, CDM Smith presented an outline of a suggested approach for an I/I program for SLSA's system. The Board directed CDM Smith to proceed with the desktop assessment portion of the suggestion I/I program. We are continuing to compile data/information for the desktop assessment.

K. PENNSYLVANIA ONE CALL

During the month of August, CDM Smith received a total of 176 tickets from PA One Call System, Inc., 74 of which required sewer location, meeting attendance, and/or provision of plans to a requestor.

**SUBURBAN LANCASTER SEWER AUTHORITY
MANAGEMENT PLAN
AS OF AUGUST 31, 2020**

ID #	DEVELOPMENT NAME	TOWNSHIP	LETTER ISSUED	EDU'S			COMMITTED UNUSED CAPACITY (GPD)
				TOTAL	ISSUED	IN SERVICE	
44	Country Meadow Estates	West Lampeter	3-Mar-91	86	68	67	6,650
25	Willow Acres Stage 1	Pequea	30-Dec-92	30	0	0	10,500
25	Willow Acres Stage 2	Pequea	30-Dec-92	58	0	0	20,300
25	Willow Acres Stage 3	Pequea	30-Dec-92	72	0	0	25,200
88	Crossings at Rocky Springs (Phase I)	West Lampeter	21-Sep-00	42	40	40	700
99	Rocky Springs Park	West Lampeter	17-Oct-02	5.5	4.5	4.5	350
109	Willow Valley Business Center	West Lampeter	22-Jul-04	18	10	10	2,800
115	Greenleaf Ph I - Mentzer	West Lampeter	10-May-05	2	1	1	350
116	Evans Subdivision	Pequea	16-Jun-05	3	3	2	350
126	Birkley Property (Conestoga Reserve)	Lancaster	24-May-07	27	26	26	350
141	Brubaker Silver Lane Lots	West Lampeter	8-Jun-12	2	1	1	350
143	CJPS, LLC (NDP Apts)	Lancaster	20-Dec-12	8	0	0	2,800
Misc	Sheetz in Willow Street	West Lampeter	27-Feb-20	8	8	0	2,800
Misc	Millwood Road Lot 1	Pequea	30-Jun-20	3	3	3	0
TOTALS				365	165	155	73,500

**SUBURBAN LANCASTER SEWER AUTHORITY
SEWAGE CAPACITY REQUESTS
AS OF AUGUST 31, 2020**

PEQUEA TOWNSHIP						
ID #	DEVELOPMENT NAME	CAPACITY		CUMULATIVE		APPLICANT'S COMMITMENT DATE
		EDU'S	FLOW (GPD)	EDU'S	FLOW(GPD)	
	TOTALS	0	0	0	0	

WEST LAMPETER TOWNSHIP						
ID #	DEVELOPMENT NAME	CAPACITY		CUMULATIVE		APPLICANT'S COMMITMENT DATE
		EDU'S	FLOW (GPD)	EDU'S	FLOW(GPD)	
94	Sangrey Subdivision	1	350	1	350	12-Feb-02
137	Herr Farm at Willow Valley (SouthPointe at Lakes)	92	32,200	93	32,550	28-Feb-19
	Signature Stone Inc.	2	700	95	33,250	30-Jun-19
	TOTALS	95	33,250	95	33,250	

LANCASTER TOWNSHIP						
ID #	DEVELOPMENT NAME	CAPACITY		CUMULATIVE		APPLICANT'S COMMITMENT DATE
		EDU'S	FLOW (GPD)	EDU'S	FLOW(GPD)	
	TOTALS	0	0	0	0	

	TOTALS	95	33,250	95	33,250	
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* Where gallons does not equal (EDUs x 350 gpd/EDU), it is because the developer had estimated flow using different criteria when making request.

**SUBURBAN LANCASTER SEWER AUTHORITY
ALLOCATION OF ADDITIONAL CAPACITY PURCHASE OF 2.0 MGD
EDU TRACKING BY MUNICIPALITY
AS OF AUGUST 31, 2020**

	<u>West Lampeter Township</u>	<u>Pequea Township</u>	<u>Lancaster Township</u>	<u>Unallocated (1)</u>
Remaining Capacity from Previous Month, EDUs	1,186	341	130	706
New Capacity Requests (2)	1	0	0	0
Recovered Capacity	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Remaining Capacity (EDUs)	1,185	341	130	706

(1) Current total of unallocated capacity = 706 EDUs.

806 Previous EDUs minus 100 EDUs transferred to Lancaster Township = 706 EDUs.

1,306 Previous EDUs minus 500 EDUs allocated to West Lampeter Township = 806 EDUs

1,271 Previous EDUs plus 35 EDUs recovered from Paradise Township = 1,306 EDUs

1,306 Previous EDUs minus 35 EDUs allocated to Paradise Township = 1,271 EDUs.

1,341 Previous EDUs minus 35 EDUs transferred to Lancaster Township = 1,306 EDUs

1,341 EDUs = 341 unallocated excess EDUs* plus 1,000 additional EDUs available for allocation per CDM's September 2005 capacity evaluation

*341 unallocated excess EDUs = 812 EDUs allocated to Strasburg Region and Exces:

SLSA in August 1996, minus 286 EDUs purchased by Strasburg Borough in 1998,

minus 185 EDUs transferred to Lancaster Township in 2004.

(2) 1 EDU for Spring Meadow.

**SUBURBAN LANCASTER SEWER AUTHORITY
TRACKING OF DEVELOPMENTS
WITHOUT CAPACITY RESERVATION
AS OF AUGUST 31, 2020**

<u>Development</u>	<u>Township</u>	<u>Total EDUs</u>	<u>Permits Issued</u>	<u>EDUs in Service</u>
<u>Active (1)</u>				
Mill Creek Development Ph. 1	West Lampeter	112	112	111
Mill Creek Development Ph. 2	West Lampeter	90	88	88
Mill Creek Development Ph. 3	West Lampeter	13	13	12
Mill Creek Development Ph. 5	West Lampeter	7	4	3
Willow Bend Farms	West Lampeter	88	88	88
Summerfield	Pequea	148	148	142
Penn Grant Commons	Pequea	169	169	169
Stone Meadow Place	West Lampeter	14	12	9
Good Subdivision	West Lampeter	2	2	0
Willow Ridge Manor	West Lampeter	30	29	29
Elam Miller (residential)	Pequea	1	0	0
Garber Farm	West Lampeter	2	1	1
2531 Willow Street Pike	West Lampeter	1	0	0
Peony Road Tract (Spring Meadow)	West Lampeter	17	17	15
1266 Gypsy Hill Rd Subdivision	West Lampeter	1	0	0
Village Park (of W.L. Twp)	West Lampeter	2	0	0
1376 New Danville Pike	Lancaster	1	0	0
Willow Woods Village	West Lampeter	9	0	0
Eshelman Mill Road Subdiv.	West Lampeter	3	0	0
Weis Gas-N-Go (Kendig Square)	West Lampeter	1	NA	0
Stuedler Tract	Pequea	23	0	0
Penn Grant Commons West	Pequea	194	0	0
<u>Inactive</u>				
Meadia Heights Golf Club - Pool	West Lampeter	12	1	10
RV Value Mart - Redevelopment	West Lampeter	TBD	2	2
Millwood Road Lot 6	Pequea	2	0	0
1502 Mentzer Rd (Melvin King)	West Lampeter	2	1	1
Grouse Pointe Farm	West Lampeter	88	0	0
Rockvale Road Properties	West Lampeter	19	0	0

(1) With Township approval of capacity.

**SUBURBAN LANCASTER SEWER AUTHORITY
MONTHLY STATUS REPORT
AUGUST 31, 2020**

Number of Permits Issued (See Attached List)..... 2
 Number of Service Connection Inspections..... 10

Fees Collected:

Tapping Fee	2	@	\$3,000.00 Each =	\$	6,000.00
Tapping Fee	0	@	\$2,500.00 Each =	\$	-
Connection Fee	0	@	\$1,200.00 Each =	\$	-
Inspection Fee - Gravity	2	@	\$225.00 Each =	\$	450.00
Inspection Fee - Pump	0	@	\$450.00 Each =	\$	-
Total				\$	<u>6,450.00</u>

Summary of Existing Accounts:

	<u>Flat Rate</u>		<u>Metered (1)</u>		
	No.	EDUs	No.	Billing EDUs	Planning EDUs
Pequea Township	674	980	9	29	18
Lancaster Township	969	1,355	8	88	43
West Lampeter Township	4,272	4,821	71	1,906	907
Totals:	5,915	7,156	88	2,023	968

(1) Billing EDUs are based on 15,000 gallons per quarter per EDU, or 165 GPD/EDU.
 Planning EDUs are based on 350 GPD/EDU.

City of Lancaster Customers:

Fairfield Acres	243 EDUs
Conestoga Gardens	23 EDUs
Conestoga Landing	72 EDUs
Total	<u>338 EDUs</u>

**SUBURBAN LANCASTER SEWER AUTHORITY
CONNECTION PERMIT LOG
AUGUST 2020**

No.	Date Issued	Owner's Name	Connection Location	MP Code	Twp.	Start Date
6220	03/20/19	Millfield Construction	711 Danforth Circle (GP C-65)	Misc	P	08/18/20
6221	03/20/19	Millfield Construction	709 Danforth Circle (GP C-66)	Misc	P	08/18/20
6222	03/20/19	Millfield Construction	707 Danforth Circle (GP C-67)	Misc	P	08/18/20
6265	10/04/19	Metzler Home Builders	346 Wendover Way	98	W	08/14/20
6266	10/04/19	Metzler Home Builders	348 Wendover Way	98	W	08/14/20
6267	10/04/19	Metzler Home Builders	350 Wendover Way	98	W	08/14/20
6268	10/04/19	Metzler Home Builders	352 Wendover Way	98	W	08/14/20
6306	06/30/20	Building Forward Partners	598 Millwood Road (Lot 1)	Misc	P	08/17/20
6310	07/24/20	Garman Builders	9 Southside Drive	136	P	08/31/20
6311	07/24/20	Garman Builders	10 Southside Drive	136	P	08/31/20
6312	08/15/20	Michael Oehme/CHG	115 Country Meadows Drive	44	W	
6313	08/31/20	C&F Contracting	5 Sunflower Drive	147	W	

SUBURBAN LANCASTER SEWER AUTHORITY

Development Plan Status Report September 2020

Grouse Pointe Farm

CDM Smith reviewed development plans and issued an approval letter in August 2009. Chris Falencki and Jill Nagy attended the September 2017 and January 2018 SLSA meetings to discuss a cost sharing proposal with the Board. Frank Mincarelli drafted a revised Sewer Extension and Reimbursement Agreement that was sent to the developer in April 2018. CDM Smith contacted the developer on the status of this development in January 2019 and was informed that there is still no schedule for construction of this development.

Penn Grant Commons

Construction of Phases 1 and 2 has been completed and sewer facilities were dedicated to SLSA at the September 2016 SLSA meeting. The Developer's Agreement for Phases 3 and 4 was signed by SLSA at the March 22, 2018 SLSA meeting. CDM Smith provided inspection services during construction. For Phase 4, CDM Smith reviewed record plans and issued an initial approval letter dated March 12, 2019. Further revised record plans (with final rim elevations) were received June 5, 2019 and AutoCAD and Mylar copies of the approved/final record plans were received on June 12, 2019.

CJPS, LLC (New Danville Pike Apartments)

CDM Smith reviewed development plans for this grinder pump project and issued an approval letter dated July 17, 2013.

Willow Acres

CDM Smith reviewed sanitary sewer plans and easement documents and issued a development approval letter in November 2014.

CDM Smith reviewed the pumping station fourth revised plans and issued an approval letter dated July 21, 2015. A Water Quality Permit was received in a letter from PADEP dated April 10, 2015.

CDM Smith was contacted by the developer to construct the portion of the force main in the PENNDOT right-of-way in Millwood Road. Frank Mincarelli drafted a specific and inspection and legal escrow. Construction on this portion of the force main was completed on April 25, 2016. Manhole No. 1442 was not addressed at that time, but will need to be lined when the project proceeds. 85 percent of the financial security cash escrow was reimbursed to Millwood Land Co. at the September 2016 SLSA meeting.

A Developer's Agreement for Stage 1 and the pumping station was executed by SLSA at the December 15, 2016 meeting.

CDM Smith was contacted in March 2020 regarding a possible ownership change to Vanguard Development Group for this development. In coordination with Blakinger Thomas we have subsequently responded to several inquiries from Vanguard on the approval status of the project with SLSA and on forms/documents/permits that would need to be transferred or reissued to the potential new owner. In August 2020, Vanguard explained they are seeking a partner to purchase this development.

Stone Meadow Place

CDM Smith received and reviewed revised plans and issued an approval letter dated July 20, 2017. A Developer's Agreement was signed by SLSA at the May 24, 2018 meeting. CDM Smith provided inspection services during construction. We reviewed record plans, issued an approval letter dated January 24, 2019, and subsequently received required copies of the approved record plans. At the Developer's request, the Letter of Credit was reduced to 15 percent of the construction cost estimate, as approved by the Authority at the March 2019 meeting.

Willow Valley Crossroads

Turkey Hill - CDM Smith reviewed revised plans for the service connection for the proposed Turkey Hill and issued an approval letter dated August 18, 2016. CDM Smith provided inspection services during construction. Connection to sewer was made on June 29, 2018. CDM Smith has reviewed initial record plans received on January 31, 2020 and is coordinating with Willow Valley further on our comments and finalization of the record plans.

CVS and Fulton Bank - CDM Smith reviewed revised plans and issued an approval letter dated March 28, 2017. CDM Smith provided inspection services during construction. We reviewed record plans and issued an approval letter dated January 24, 2019. We received digital copies of the approved record plans on December 18, 2019.

Morr Outdoors - CDM Smith provided inspection services during construction of this private sewer extension. We received digital copies of the approved record plans on December 18, 2019.

Phase 3 – Mick's Pub, Starbucks, and Chapel Relocation - CDM Smith reviewed plans and issued a comment letter dated January 16, 2018. We reviewed revised plans and issued an approval letter dated April 4, 2018. CDM Smith is providing inspection services during construction. CDM Smith has reviewed initial record plans received on January 31, 2020 and is coordinating with Willow Valley further on our comments and finalization of the record plans.

Willow Woods Village

CDM Smith reviewed plans for this sewer connection and issued a comment letter dated August 8, 2018. We reviewed revised plans and issued an approval letter dated November 29, 2018. We reviewed revisions to the approved plans and issued a new approval letter dated January 10, 2019. CDM Smith provided inspection services during construction, which was completed in the 2019. Although no sewer facilities will be dedicated to the SLSA for this project (which involved the installation of a private 150 LF service lateral/line), we requested record plans from CCS Building Group in June 2020.

Willow Valley – Addition to the Glen

CDM Smith provided inspection services during construction. We are awaiting receipt of record plans.

Elam Miller – Bird-In-Hand Pet Structures

CDM Smith reviewed plans for the installation of an additional grinder pump unit in the commercial part of the property (does not require additional capacity) and a grinder pump unit for a residential use on the property, and issued an approval letter dated September 30, 2016. CDM Smith will provide inspection services during construction.

Country Meadows Estates Phase 4

CDM Smith reviewed plans and issued comment letters dated June 1 and July 13, 2017, and March 15, 2018. We reviewed revised plans and issued an approval letter dated June 12, 2018. A bonafide bid was provided, and CDM Smith issued a letter dated November 26, 2018 establishing the Letter of Credit and construction inspection escrow amounts. A Developer's Agreement was executed by the Authority at the December 20, 2018 SLSA meeting. Construction inspection escrow and the Letter of Credit have both been provided. We received and reviewed record plans in May 2019 from en Value Engineering LLC. On June 3, 2019, the excavation contractor (B.R. Kreider) notified us that some previously installed sewer laterals needed to be extended, which was done in June and inspected by CDM Smith. Numerous iterations of revised record plans were received from November 19, 2019 through February 5, 2020. The revised record plans of February 5, 2020 were approved and final copies of the plans (mylar, paper, PDF, and CADD) were provided to CDM Smith.

1266 Gypsy Hill Road Subdivision (Keener Tract)

CDM Smith reviewed plans for this sewer connection and issued a comment letter dated March 2, 2018. We reviewed revised plans and issued an approval letter dated March 16, 2018.

Village Park

CDM Smith reviewed plans for this sewer connection and issued an approval letter dated October 25, 2018. A Developer's Agreement dated November 15, 2018 was executed by the Township and the Authority. CDM Smith provided inspection services during construction, which was completed in July 2020, except for some manhole vacuum testing that was subsequently completed on late August. We requested record plans in July 2020.

Millwood Road Lot 11 (laundry facility for Willow Valley)

CDM Smith reviewed plans for this sewer connection and issued comment letters dated October 15 and November 29, 2018. We reviewed revised plans and issued an approval letter dated December 27, 2018. The 5-EDU sewer permit was issued on October 18, 2019. The builder (CCS Building Group) notified CDM Smith that the existing private low-pressure forcemain serving the adjacent commercial lot (Bird-in-Hand Pet Structures) will need to be excavated and set deeper to accommodate proposed grading for Lot 11. CDM Smith met with CCS and Bird-in-Hand on this matter on October 17, 2019. We subsequently reviewed plans from David Miller/Associates for the relocation of the existing private low-pressure forcemain and eventually issued plan approval on November 8, 2019. CDM Smith inspected this sewer construction work, including installation and cycling of the grinder pump system on June 17, 2020. We requested record plans in July 2020.

Millwood Road Lot 1 (office and warehouse building for CCS Building Group)

CDM Smith reviewed plans for this sewer connection and issued a comment letter dated December 27, 2018. We reviewed revised plans and issued an approval letter dated February 1, 2019. A request of April 24, 2020 from CCS Building Group to reduce the requested sewage capacity amount from 6 EDUs to 3 EDUs was conditionally approved by the Authority at the April 2020 meeting, pending receipt of a revised capacity approval documentation from Pequea Township. A revised final capacity approval letter was issued on June 18, 2020 after receiving capacity approval documentation from the Township that same day. CDM Smith inspected installation of the new gravity service line on August 17, 2020. We requested record plans in September 2020.

SouthPointe at Lakes (formerly called Herr Farm at Willow Valley)

CDM Smith reviewed development plans from RGS Associates and issued a comment letter dated February 25, 2019. We received revised plans on April 15, 2019 and issued an email with comments on May 3, 2019. Due to the unusual alignments of the proposed sanitary sewers (as shown on the original plans and revised plans with inadequately adjusted alignments, the Author expressed a preference for the sewers to remain private rather than be dedicated to SLSA. CDM Smith informed the builder (CCS Building Group) of this decision on July 3, 2019. Revised plans were received on July 30, 2019 that are being reviewed. CDM Smith subsequently reviewed revised plans of August 25 and September 4, 2019. A plan approval letter was issued on October 1, 2019, along with developer's agreement prepared by Blakinger Thomas. The signed agreement and estimated inspection escrow amount were received from Willow Valley on October 7, 2019. CDM Smith is providing inspection services during construction. Construction of the sewer extension was completed in April 2020, except for some pressure and vacuum testing. We requested record plans in July 2020. Sewer Permits for the cottages/villas portion of the develop (29 of 92 EDUs) were issued in September 2020.

Eshelman Mill Road Subdivision

CDM Smith received development plans on May 10, 2019, followed by plan review escrow on May 28, 2019, from the developer's engineer (Harbor Engineering) that are being reviewed. We responded to Harbor Engineering on June 14, 2019 with our comments on the plans. Harbor Engineering provided revised plans on June 17, 2019. We issued a plan approval letter to Harbor on July 16, 2019 and developer's agreement on September 12, 2019. The signed developer's agreement was returned for SLSA execution in December 2019. Agreed inspection escrow and a letter of credit were provided on January 15, 2020. CDM Smith is providing inspection services during construction, which was started by Custom Home Group on June 15, 2020. Construction of the sewer extension was completed in September 2020, except for some minor punchlist items. We requested record plans in September 2020.

Weis Markets Gas-N-Go (1 EDU business with Kendig Square)

CDM reviewed development plans dated April 4, 2019 for this small project within Kendig Square and issued an email with comments on May 6, 2019 to Weis' engineer (HRG). Review escrow was received on April 26, 2019. Revised plans were received on May 22, 2019 and June 7, 2019. CDM Smith reviewed the revised plans and issued a plan approval letter to HRG on June 21, 2019.

Signature Stone Inc./Going for the Green LLC (2 EDU business)

Development plans and engineering review escrow (\$750) for this 2 EDU development were received by CDM Smith from Rettew Associates on July 15, 2019. We issued plan review comments by email on August 1, 2019. The signed developer's agreement was returned on August 9, 2019 and inspection escrow was provided on October 16, 2019. CDM Smith reviewed several iterations of revised plans (August 2 and September 23) and eventually issued a plan approval letter on October 4, 2019. CDM Smith will provide inspection services during construction. CDM Smith reviewed and approved a Highway Occupancy Permit for the project in early February 2020.

Sheetz, Inc.

A final capacity approval letter was issued on July 16, 2019. A draft developers agreement was sent to Sheetz' engineer (RGS Associates) from Blakinger Thomas on August 1, 2019. Development plans were initially received on August 16, 2019, and engineering review escrow (\$750) was received on September 3, 2019. After several iterations of plan reviews through plans of February 7, 2020, CDM Smith issued a plan approval letter on February 11, 2020. Subsequently, the signed developer's agreement (as revised by Blakinger Thomas) and inspection escrow (\$4,850) were received on June 24, 2020. CDM Smith is providing inspection services during construction which is underway.

1891 Windy Hill Road Subdivision (1 EDU residence)

A final capacity approval letter was issued on July 23, 2019. Development plans from PennTerra Engineering, Inc. and engineering review escrow (\$750) were received on August 14, 2019. We responded to PennTerra on September 9, 2019 with our plan review comments. We subsequently reviewed revised plans and issued a plan approval letter on October 10, 2019, along with a short-form developer's agreement prepared by Blakinger Thomas. The signed developer's agreement and inspection escrow were received on February 6, 2020. CDM Smith provided inspection services during construction, which was completed on May 18, 2020. We requested record plans in June 2020 for the new sewer lateral installed for this project.

Stuedler Tract Commercial Development (23 EDUs)

A final capacity approval letter was issued on September 30, 2019.

Penn Grant Commons West (194 EDUs)

A final capacity approval letter was issued on December 13, 2019. Blakinger Thomas sent a draft developer's agreement to the developer on December 17, 2019. Engineering escrow \$5,820 was received on February 12, 2020. On April 10, 2020, CDM Smith provided requested Component 3 sewage planning input on SLSA's system to the developer's engineer (RGS Associates). We reviewed the land development plans received on February 12, 2020 and responded with review comments on May 6, 2020. CDM Smith issued a response letter on June 19, 2020 to the Downstream Stormwater Discharge Notice letter of April 13, 2020 from RGS Associates. SLSA officials subsequently met with Pequea Township officials on July 8, 2020 regarding SLSA's stormwater concerns, as documented in a letter of July 20 from Blakinger Thomas to the Township. Following discussion at the July SLSA meeting, CDM Smith provided RGS with additional review comments on July 31, 2020. Revised land development plans and related documents were received from RGS on August 19, 2020. CDM Smith is reviewing the revised plan submission.

KFG Holdings

This project is a redevelopment of the former car wash property at 1004 Willow Street Pike to be a trucking facility. The facility includes a truck wash bay and a grit-oil interceptor. Revised land development plans by dH Enterprises were approved by CDM Smith in March 2020. CDM Smith is providing inspection services during construction. Connection was made to SLSA's system on May 21, 2020, including installation of a new sewer lateral because the existing sewer lateral was found to be severed and capped. The grit-oil interceptor was installed and inspected on June 4, 2020. We requested record plans in July 2020.

Development Projects with Sanitary Sewer Extensions Awaiting Final Dedication

SLSA is awaiting final dedication of the sanitary sewer extensions for the following developments:

- Country Meadows Estates Phases II and III – CDM Smith sent a letter to the developer on June 14, 2019 requesting an update on the status of this project.
- Mill Creek Community –
 - Phase 4 - Streets not yet dedicated. CDM Smith sent a letter to the developer (Charter Homes) on June 21, 2019 requesting an update on the status of this project.
 - Phase 5 – Streets will be privately owned (not dedicated to West Lampeter Township). After final paving is completed, SLSA will be granted an easement for the streets and sewer facilities will be dedicated to SLSA.

- Conestoga Reserve - Streets were accepted for dedication by Lancaster Township September 14, 2020. JPM Keller is coordinating with Blakinger Thomas for SLSA's acceptance of dedication of the sewage facilities.
- River View Estates (Ketterline Builders Development) - Streets not yet dedicated to West Lampeter Township (as reconfirmed in August 2020).
- Greenleaf Estates Phase 2 - Streets will be privately owned (not dedicated to West Lampeter Township). After final paving is completed, SLSA will be granted an easement for the streets and sewer facilities will be dedicated to SLSA. The last unit for this development was connected to SLSA's system on August 1, 2019. CDM Smith conducted a final inspection on January 24, 2020 and confirmed that the condition of the sewage facilities is acceptable. Blakinger Thomas is coordinating with the developer on SLSA's acceptance of dedication of the sewage facilities. A letter of credit was provided to SLSA on May 18, 2020 for the 18-month maintenance/warranty period.
- Willow Ridge Manor - Streets (Niobe Lane) not yet dedicated to West Lampeter Township.
- Peony Road Tract (Spring Meadow) – Streets not yet dedicated to West Lampeter Township. Sewer extension construction was completed in 2018.
- Penn Grant Commons Phase 4 – Streets will be privately owned (not dedicated to Pequea Township). Sewer extension construction was completed in 2019. After final paving is completed, SLSA will be granted an easement for the streets and sewer facilities will be dedicated to SLSA. The developer (Oak Hill Partners) submitted a request to SLSA on June 22, 2020 to reduce the letter of credit.

SUBURBAN LANCASTER SEWER AUTHORITY

Operation and Maintenance Meeting

MINUTES (Via Conference Call)

Meeting Date – September 9, 2020

Attendees: Ed Mastromatteo – City of Lancaster
Matt Lehr – City of Lancaster
~~Chris Hilditch – City of Lancaster~~
Adam Smith – CDM Smith

1. Grease Cleaning

JG Environmental cleaned Sterling Place PS on August 25 and continues to be on a biweekly cleaning schedule due to increased grease accumulation that has occurred during the COVID-19 pandemic. CDM Smith contacted the property manager at Waterford at Sterling Place Apartments in August to discuss the excessive grease problem at this station. The property manager acknowledged the problem and, in response, issued a letter dated August 24, 2020 to the residents of the apartment complex. SLISA may consider implementing a grease surcharge for the apartment complex.

Lyndon PS was last cleaned on August 24. The FOG layer has returned to the pre-biological trial consistency.

2. Biological Treatment Trial

CDM Smith provided a status update on the trial use of a proprietary biological additive from Kroff Chemical (Kroff) and their partner, Microbial Discovery Group (MDG), for grease (FOG) and odor (H₂S) control within SLISA's system, as an alternative to SLISA's current use of Bioxide. The 2-month trial commenced on February 4 with dosing of the additive at four locations including Sterling Place, Hans Herr, Conard Road, and Summer Breeze pumping stations. During the trial, CDM Smith collected wastewater samples weekly at seven monitoring locations (pumping stations) for laboratory analyses of key wastewater parameters. We also conducted three baseline sampling events prior to commencing the trial. Kroff Chemical Company/Microbial Discovery Group also conducted weekly checks on the dosing systems and collecting additional data to further support the trial effort. At the April 7 meeting, the Board approved a request from Kroff to extend the trial for one month with a higher strength (2.5X) additive. The trial extension started in late April and dosing with the 2.5X additive was completed on June 8. CDM Smith conducted reduced weekly sampling (for FOG and sulfate only) during the trial extension. Kroff previously expressed that the actual FOG loading was greater than they originally estimated, therefore they expected that adding more product (dosing with higher strength additive) would yield more positive results (less FOG, less H₂S/lower Bioxide usage). CDM Smith has prepared a draft technical memorandum of the

compiled monitoring results/data, key findings, and a cost-benefit analysis relative to SLSA's current methods of handling grease and odors (Bioxide and grease disposal at a landfill) for presentation to the Authority at their September 24 meeting.

3. Mill Creek Pumping Station

Eastern Environmental Contractors, Inc. is proceeding with Pump No. 1 replacement work and completed demolition work on February 12. CDM Smith has approved the pump resubmittal and the pump has been ordered. As a result of the issues with Pump No. 2 CDM Smith worked with the manufacturer to streamline pump testing and remove two weeks from the delivery schedule. Shipment of the pump is now scheduled for mid-October

On August 6, City maintenance personnel found that Pump No. 2 was not working. They investigated the problem and found that the pump impeller had become jammed with debris, which they were able to remove. When they turned the pump back on, they also found that the thrust bearings sounded bad and need to be replaced. The pump must be removed to replace these bearing, which is beyond the City's capabilities. Motor Tech pulled the pump on August 11 and the Authority approved their cost quote to repair the pump at their August meeting. It is anticipated the pump would be repaired by the beginning of November.

On August 27, a minor sewage leak was discovered along the forcemain on the pumping station property when an adjacent property owner noticed a small area of soft/soggy ground on SLSA's property. CDM Smith investigated the leak the same day with assistance from a contractor (Andrews Excavating) who excavated the soggy ground. A minor sewage leak (drip of about 1 gallon per day estimated) was confirmed to be occurring from a subsurface valve box (about 3.5 feet deep) along the forcemain from the pumping station. The cause of the minor sewage leak from the valve box was found to be a deteriorated gasket on a flanged connection between a tapping sleeve installed on the forcemain and a gate valve. CDM Smith notified the PADEP of this minor sewage leak by telephone and by issuance of the attached letter of September 1. CDM Smith is coordinating with Andrews Excavating and other necessary contractors to repair the leak and to consider installing a new bypass connection for the station at this gate valve when the leak is repaired.

4. Millstream Village Pumping Station

At the November 2019 Authority meeting, the Authority authorized CDM Smith to move forward with running 3-phase power to the station as an electrical upgrade to replace the obsolete phase converter (Add-A-Phase). CDM Smith completed preparing bid documents (construction specifications and electrical drawings) for public bidding of this work. The project bids were opened on August 14 with favorable results. The construction contract is expected to be issued to the low bidder Orbit Technology Services.

5. Mechanical Pipe Painting

I.K. Stoltzfus has been executing with the mechanical pipe painting work at SLSA's three largest pumping stations along with several valve vaults at these stations and others. All

contract work, except the repainting work at Mill Creek PS related to the pending Pump No. 1 replacement, has been completed. The remaining work at Mill Creek PS will be completed after Eastern Environmental installs the new Pump No. 1 later this year.

6. Resiliency Planning - Bypassing Availability at SLSA's Three Largest Pumping Stations

The City previously expressed a concern with resiliency at pumping stations that do not have bypass connections available on associated force mains (particularly the Lyndon Pumping Station). This type of station bypass could be utilized during construction of major station upgrades/repairs, or during an unforeseen catastrophic event at a pumping station. The City has a trailer-mounted, diesel powered pump that could be utilized with these types of connections. CDM Smith prepared preliminary/conceptual bypass pump connection layouts and budgetary cost estimates for SLSA's three largest stations. We met with Keystone Pump and Power on May 26 to refine the conceptual designs. This information was presented to the Authority in a draft technical memorandum at the July 23 SLSA meeting. The estimated construction/installation costs were higher than the Authority expected, so the Authority asked CDM Smith to prepare a risk analysis for these three pumping stations for the full lifecycle of the proposed bypass connections.

Keystone Pump and Power also added information into their system about the three pumping stations current configuration as an intermediate means to provide bypassing while permanent set-ups are being considered. The contact information for Keystone Pump and Power have been provided to the City should a need arise.

7. Resiliency Planning – For SLSA's Three Smallest Pumping Stations without Backup Power

During recent storm events, electrical power was disrupted at Jefferson Square Pumping Station where no emergency generator is present. This is a liability for SLSA because the City is not always guaranteed to have a vactor truck available to prevent a spill. CDM Smith has begun to evaluate enhanced resiliency/redundancy alternatives for the three pumping stations (Jefferson Square, Hans Herr, and Roslyn) without a backup power supply. From further discussion with City maintenance personnel, we understand that power failures/disruptions rarely occur at more than one of these stations simultaneously. Keystone Pump and Power can supply portable generators and explained they have experience installing minor Cam-Lok lug upgrades at similar pumping stations that enable connection of backup power (generator). For sizing of a portable generator or generators for this purpose, the City provided some electrical information for Jefferson Square and Roslyn Pump stations (voltage, phase, amperage, and pump HP). In the interim, the City is authorized to call in a third party vactor truck vendor, if necessary, to prevent a sewage spill.

8. OmniSite Installations

Envirep installed OmniSite units at Roslyn, Summer Breeze, and Willow Bend Farms Pumping Stations on August 17 and 18. These three pumping stations are the last of SLSA's 13 pumping stations where OmniSite units had not yet been installed.

9. Erosion within SLSA's Easement near the City WWTP Outfall

CDM Smith, with assistance from the City and Andrews Excavating, investigated the WWTP outfall channel on August 26, 2020, while WWTP effluent flow was temporarily diverted and the outfall channel was dewatered. The gabion baskets below the waterline were found to be disintegrated and washed downstream and the concrete encasement for the Lyndon Forcemain is exposed, but not undermined. CDM Smith's next step will be to contact the LCCD/PADEP about conducting the stream bank restoration work under an emergency stream encroachment permit. We also anticipate the restoration project will require public bidding.

10. Meeting

The next O&M meeting is scheduled for 9:00 am on Wednesday, October 14 via conference call.



280 Granite Run Drive, Suite 160
Lancaster, Pennsylvania 17601
tel: 717 560-7500
fax: 717 560-7525

September 1, 2020

Ms. Tracy Tomtishen
Pennsylvania Department of Environmental Protection
Southcentral Region
909 Elmerton Avenue
Harrisburg, PA 17110-8200
(717) 581-8534

Subject: Suburban Lancaster Sewer Authority
Notice of Minor Sewage Leak – Mill Creek Pumping Station Property

Dear Ms. Tomtishen:

On behalf of the Suburban Lancaster Sewer Authority (SLSA), CDM Smith Inc. (CDM Smith) is reporting a minor sewage leak at SLSA's Mill Creek Pumping Station property located at 1122 Gypsy Hill Road in West Lampeter Township, Lancaster County.

The leak was discovered on Thursday, August 27, 2020 when an adjacent property owner noticed a small area of soft/soggy ground (about 10 feet in diameter) on the pumping station property. CDM Smith investigated the leak the same day with assistance from a contractor who excavated the soggy ground. A minor sewage leak (drip of about 1 gallon per day estimated) was confirmed to be occurring from a subsurface valve box (about 3.5 feet deep) along the forcemain from the pumping station. There was no puddling or flow of sewage on the ground surface and no sewage flowed offsite from SLSA's property. It is not known when the leak began.

The cause of the minor sewage leak from the valve box was found to be a deteriorated gasket on a flanged connection between a tapping sleeve installed on the forcemain and a gate valve (which was installed to facilitate bypass pumping during station construction of the pumping station). The contractor tightened the bolts on the flanged connection in an effort to stop the leak, but a new gasket will ultimately be required. Replacement of the gasket requires the gate valve to be removed, which necessitates that the forcemain to be drained and temporarily shut off. The Authority is actively planning the repair work and hopes to complete it in the near future. The minor sewage leak poses no immediate threat to the environment or adjacent properties (which are connected to public water). CDM Smith will notify the PADEP when the repair is completed.



Ms. Tracy Tomtishen
September 1, 2020
Page 2

Please contact me by telephone (717-581-8540) or email (donahuetc@cdmsmith.com) if you have any questions regarding this notification letter.

Sincerely,

A handwritten signature in black ink that reads "T. C. Donahue".

Thomas C. Donahue
CDM Smith Inc.

cc: Suburban Lancaster Sewer Authority
Christine Volkay-Hilditch - City of Lancaster Bureau of Wastewater Operations
Dee McGuire - West Lampeter Township



5 WEST WILLOW ROAD, P.O. BOX 249
WILLOW STREET, PA 17584
(717) 484-3329 FAX (717) 484-4963
HIC PA010761

PROPOSAL

TO: Thomas C. Donahue, PE
CDM Smith
280 Granite Run Drive, Suite 160
Lancaster, PA 17601

DATE: September 11, 2020

PROJECT: SLSA - Mill Creek Pump Station

DESCRIPTION:

Item 1- **10" Force Main Connection**
Furnish and install 10" piping, (1) 10" MJ 90 bend, (1) 10" FL x PE pipe, (1) 10" Flanged 90 bend, (1) 10" blind flange, (3) 10" megalug restraints
Connect to existing 10" gate valve
All of the above assumed to be installed in excavation already established for correction of leaking gasket

For the sum of - \$4,900.00

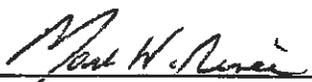
Exclusions: Permits, inspections, excavation, backfill, restoration

We hereby propose to furnish labor and materials, complete in accordance with the above specification, for the sum of: Four Thousand Nine Hundred Dollars (\$4,900.00), with payments to be made as follows: Job progress payments due in the amount of 100 percent of the application submitted net thirty days. A 1-1/2% per month finance charge is added on the unpaid balance on accounts unpaid after thirty (30) days.

Mill Creek Pump Station
September 11, 2020
Page 2 of 2

All material is guaranteed to be as specified. All work will be completed in an orderly manner according to standard practices. Any alteration or deviation from the above specifications involving extra cost, will be executed only after approval by the owner or his agent. Approved changes will become an extra charge over and above the estimate. All agreements are contingent upon strikes, accidents or other delays beyond our control. Our workers are fully covered by workmen's compensation insurance.

ANDREWS EXCAVATING, LLC

Signature: 
Mark W. Rineer
President

Note: This proposal may be withdrawn by us if not accepted within thirty (30) days.

Acceptance of Proposal

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

Signature: _____

Date: _____

August 2020 Monthly Maintenance Report.
(For S.L.S.A.)

A total of 210.56 Hours Were spent maintaining S.L.S.A. equipment, these hours are the result of Daily Station checks, Preventative & Corrective Maintenance.

- 8-3 Switched channel monster grinders at Goods Run P/S. Drained condensation from bubbler system compressors.
- 8-4 Floats were hung up at Hans Herr P/S, hosed & cleaned floats.
- 8-5 Cleaned stillwells at Lyndon & Millcreek P/S. Cleaned strainers at Hans Herr P/S monthly relief valve P.M. performed at Silver Lane P/S. Called P/S alarms to check status. A large ball of rags were removed from the #2 Pump at Millcreek P/S. The pump bearings are bad & pump will need to be sent out for repairs when Pump #1 is installed.
- 8-7 After hours call in for #1 VFD failure at Hans Herr P/S & critical wet well level at Silver Lane P/S. Also wet well critical level due to VFD failing at Lyndon P/S.
- 8-8 Call in for Hans Herr & Millcreek P/S high wet well level. Floats came off bracket at Hans Herr & the wet well floor was cleaned at Millcreek P/S. Alarm light on at 3 Sarah Lane grinder pump well. Float was hung up causing a low level alarm.
- 8-9 Call in for 1617 Millport Road Grinder pump tripping, reset & Okay now.
- 8-10 Call in for high wet well at Marticville P/S. Cleaned the head of the ultra-sonic.
- 8-11 Cleaned Lyndon & Millcreek P/S stillwells. Cleaned inlet screen at Lyndon P/S.
- 8-12 Quarterly exercising of valves at Sterling, Willow Bends, Marticville, Silver Lane, Hans Herr, Millstream, Conard, Summers Breeze & Jefferson Square P/S. Had monthly meeting with CDM Smith. Cut weeds away from Goods Run P/S driveway by the road looking west.
- 8-13 Willow Bends P/S flow meter wasn't displaying the total flow & was repaired. Quarterly electrical P.M. performed at Sterling & Willow Bends P/S.
- 8-14 Quarterly electrical P.M. performed at Roslyn, Marticville, Hans Herr & Jefferson Square P/S.
- 8-17 Lubricated all P/S cantilever gates. Cleaned Stillwells at Lyndon & Millcreek P/S. Quarterly greasing of pumps, yokes, u-joints at Millcreek, Goods Run & Lyndon P/S performed.
- 8-18 Performed quarterly electrical P.M. at Conard, Millstream & Summers Breeze P/S. After hours call-in for a high level alarm at 1617 Millport Rd. grinder pump.
- 8-19 Cleaned strainers at Hans Herr P/S. Exercised valves at Goods Run P/S. After hours call-in for a grinder pump problem at 3 Sarah Lane, pumped well down but float may need replaced.
- 8-20 Quarterly exercising of Millcreek P/S valves performed. Replaced stop float at 3 Sarah Lane. Inspected Siphon Chamber #171.

August 2020 Monthly Maintenance Report.
(For S.L.S.A.)

- 8-25 Sprayed wasp nest at Lyndon P/S. Put a lock on Alarm box at Roslyn P/S. Cleaned Stillwell at Millcreek P/S.
- 8-26 Replaced water seal line & fittings on the #2 Pump at Goods Run P/S. High level light on at 1611 Millport Road grinder. Breaker was tripped in the house. Will monitor, not sure why the breaker tripped.
- 8-27 Repacked the #2 pump at Goods Run P/S. Another grinder pump problem at 3 Sarah Lane. The pump was reset, we will monitor it. Verified sewage was leaking from rear of Millcreek P/S. CDM Smith will have Andrews Excavating investigate & repair leak.

SUBURBAN LANCASTER SEWER AUTHORITY
SEWAGE PUMPING STATION FLOWS
AS OF AUGUST 31, 2020

		Lyndon			Mill Creek			Goods Run		
Capacity (GPD)		6,292,800 (1 pump)			2,275,000 (2 pumps)			2,304,000 (1 pump)		
Avg Day (12 Months)		1,546,383			545,104			494,644		
Peak Day (12 Months)		3,214,000			1,179,000			1,911,631		
Month	Rainfall	Average Daily Flow	Peak Daily Flow	Peak Factor	Average Daily Flow	Peak Daily Flow	Peak Factor	Average Daily Flow	Peak Daily Flow	Peak Factor
2020										
January	3.68	1,686,877	2,984,000	1.77	592,645	996,000	1.68	641,987	1,911,631	2.98
February	2.52	1,742,207	2,029,000	1.16	615,724	716,000	1.16	579,907	710,818	1.23
March	4.09	1,628,806	2,143,000	1.32	579,710	793,000	1.37	521,869	756,410	1.45
April	6.20	1,709,800	2,401,000	1.40	607,800	821,000	1.35	558,204	829,876	1.49
May	2.93	1,855,484	3,214,000	1.73	659,581	1,179,000	1.79	652,948	1,284,602	1.97
June	1.14	1,524,700	2,067,000	1.36	581,200	736,000	1.27	505,405	953,166	1.89
July	4.79	1,333,839	1,496,000	1.12	385,553	792,957	2.06	468,935	616,000	1.31
August	8.08	1,631,871	3,213,000	1.97	573,452	992,000	1.73	493,193	1,045,482	2.12
2019										
September	1.25	1,231,533	1,462,000	1.19	444,167	670,000	1.51	306,638	378,233	1.23
October	6.70	1,254,097	1,774,000	1.41	445,097	655,000	1.47	321,252	550,869	1.71
November	1.09	1,391,933	1,873,000	1.35	498,967	702,000	1.41	396,177	565,896	1.43
December	4.39	1,565,445	2,086,100	1.33	557,355	723,000	1.30	489,215	689,164	1.41
Total Rainfall (in)		46.86								
Distribution:		Annual (Avg)								
				%						
Lyndon (Total)		18,556,593	100							
Mill Creek		6,541,250	35							
Goods Run		5,935,730	32							
Lyndon (Gravity)		6,079,613	33							
Notes: 1. Where Peak Day exceeds Capacity, two pumps operate.										
2. Avg Day (12 Months) = Average Daily Flow over the 12 months shown										
3. Peak Day (12 Months) = Peak Daily Flow over the 12 months shown										

