

REPORTS

Lafayette Fire Company

Lancaster, PA

This report was generated on 5/4/2020 5:43:45 PM



Incidents for Zone for Date Range

Zone: 2 - Lancaster Township - East | Start Date: 04/01/2020 | End Date: 04/30/2020

INCIDENT NUMBER	INCIDENT TYPE	DATE	LOCATION	APPARATUS
2020-145	745 - Alarm system activation, no fire - unintentional	04/22/2020	30 CONESTOGA WOODS RD	E631
2020-151	412 - Gas leak (natural gas or LPG)	04/28/2020	1003 E KING ST	E631 TRK63

Total # Incidents: 2

Lancaster Township Fire Department

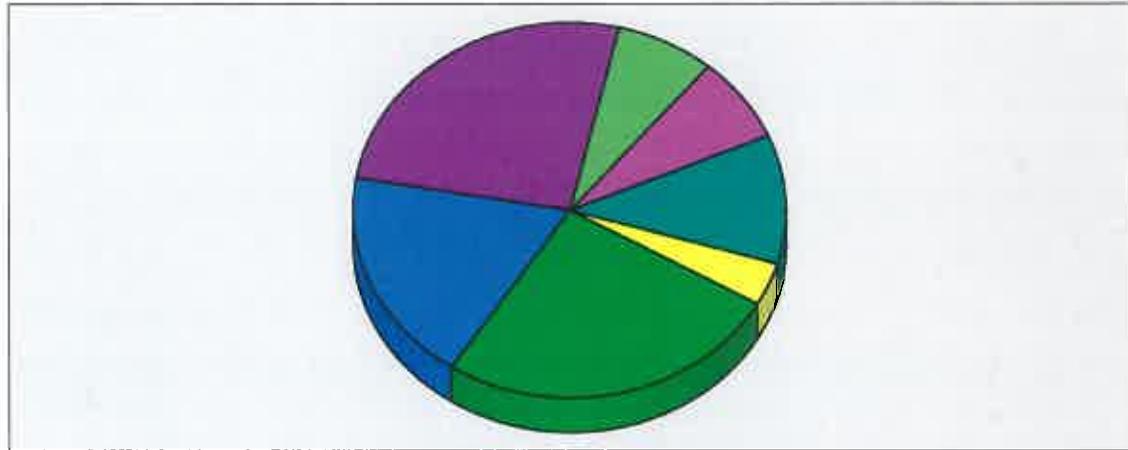
Lancaster, PA

This report was generated on 5/4/2020 6:27:00 AM



Major Incident Types by Month for Date Range

Start Date: 04/01/2020 | End Date: 04/30/2020



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

INCIDENT TYPE	APR	TOTAL
False Alarm & False Call	7	7
Fire	5	5
Good Intent Call	7	7
Hazardous Condition (No Fire)	2	2
Rescue & Emergency Medical Service Incident	2	2
Service Call	3	3
Severe Weather & Natural Disaster	1	1
Total	27	27

APRIL TOTAL # INCIDENTS	27
MUTUAL AID	4
IN LANCASTER TWP.	22
YEAR-TO-DATE	134

Lancaster Township Fire Department

Lancaster, PA

This report was generated on 5/4/2020 6:30:42 AM



Count of Incidents by Incident Type per Zone

Incident Status: Reviewed | Start Date: 04/01/2020 | End Date: 04/30/2020

INCIDENT TYPE	# INCIDENTS	% of TOTAL
Not Specified		
111 - Building fire	1	3.70%
113 - Cooking fire, confined to container	2	7.41%
116 - Fuel burner/boiler malfunction, fire confined	1	3.70%
161 - Outside storage fire	1	3.70%
324 - Motor vehicle accident with no injuries.	1	3.70%
350 - Extrication, rescue, other	1	3.70%
445 - Arcing, shorted electrical equipment	2	7.41%
531 - Smoke or odor removal	1	3.70%
551 - Assist police or other governmental agency	1	3.70%
553 - Public service	1	3.70%
611 - Dispatched & cancelled en route	6	22.22%
622 - No incident found on arrival at dispatch address	1	3.70%
730 - System malfunction, other	1	3.70%
733 - Smoke detector activation due to malfunction	2	7.41%
743 - Smoke detector activation, no fire - unintentional	3	11.11%
745 - Alarm system activation, no fire - unintentional	1	3.70%
800 - Severe weather or natural disaster, other	1	3.70%
Zone: Not Specified Total Incident:	27	100.00%
TOTAL INCIDENTS FOR ALL ZONES:	27	100%

Lancaster Township Fire Department

APRIL, 2020

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



DATE	INCIDENT #	ADDRESS	INCIDENT TYPE	ZONE	# APP.	# PERS.
04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address	LANCASTER TOWNSHIP	7	19
04/02/2020	2020-116	315 SSCHOOL LN	733 - Smoke detector activation due to malfunction	LANCASTER TOWNSHIP	3	7
04/04/2020	2020-117	102 DICKENS DR	611 - Dispatched & cancelled en route	LANCASTER TOWNSHIP	3	7
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined	LANCASTER TOWNSHIP	6	20
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container	LANCASTER TOWNSHIP	8	21
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire	LANCASTER TOWNSHIP	7	21
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container	LANCASTER TOWNSHIP	9	18
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional	LANCASTER TOWNSHIP	7	23
04/12/2020	2020-123	606 STERLING PL	553 - Public service	LANCASTER TOWNSHIP	2	2
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.	LANCASTER TOWNSHIP	5	21
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other	LANCASTER TOWNSHIP	6	20
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment	LANCASTER TOWNSHIP	5	17
04/13/2020	2020-128	1248 ELM AVE	800 - Severe weather or natural disaster, other	LANCASTER TOWNSHIP	1	6
04/13/2020	2020-129	336 SWEST END AVE	611 - Dispatched & cancelled en route	LANCASTER TOWNSHIP	2	10
04/13/2020	2020-130	1140 COLUMBIA AVE	611 - Dispatched & cancelled en route	LANCASTER TOWNSHIP	3	12
04/14/2020	2020-131	710 STERLING PLACE	611 - Dispatched & cancelled en route	LANCASTER TOWNSHIP	3	10
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment	LANCASTER TOWNSHIP	6	12
04/15/2020	2020-132	1191 MAPLE AVE	743 - Smoke detector activation, no fire - unintentional	LANCASTER TOWNSHIP	4	11
04/18/2020	2020-134	531 UNION ST	111 - Building fire	CB-80	4	20
04/23/2020	2020-135	430 NDUKE ST	350 - Extrication, rescue, other	MB-90	2	5
04/23/2020	2020-136	2102 WILLOW STREET PIKE	551 - Assist police or other governmental agency	WLT-50	2	8
04/24/2020	2020-137	3033 PHEASANT DR	611 - Dispatched & cancelled en route	MT-90	1	8
04/25/2020	2020-138	24 SOUTHBROOK DR	611 - Dispatched & cancelled en route	LANCASTER TOWNSHIP	4	17
04/26/2020	2020-139	336 SPRESIDENT AVE	531 - Smoke or odor removal	LANCASTER TOWNSHIP	5	13
04/28/2020	2020-142	184 DICKENS DR	743 - Smoke detector activation, no fire - unintentional	LANCASTER TOWNSHIP	2	6
04/28/2020	2020-143	1575 NEW DANVILLE PIKE	745 - Alarm system activation, no fire - unintentional	LANCASTER TOWNSHIP	4	16
04/30/2020	2020-144	820 HERSHEY AVE	733 - Smoke detector activation due to malfunction	LANCASTER TOWNSHIP	3	7

STATION 07 MOUNTVILLE
 STATION 20 MANHEIM TWP
 STATION 50 WILLOW STREET
 STATION 58 RAWLINSVILLE
 STATION 63 LAFAYETTE

STATION 64 LANCASTER CITY
 STATION 67 ROHRERSTOWN
 STATION 76 WEST HEMPFIELD
 STATION 80 COLUMBIA BOROUGH
 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: 04/01/2020 | End Date: 04/30/2020

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
Apparatus DOV66 - DUTY VEHICLE			
04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/02/2020	2020-116	315 S SCHOOL LN	733 - Smoke detector activation due to malfunction
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/12/2020	2020-123	606 STERLING PL	553 - Public service
04/25/2020	2020-138	24 SOUTHBROOK DR	611 - Dispatched & cancelled en route
04/26/2020	2020-139	336 S PRESIDENT AVE	531 - Smoke or odor removal
04/28/2020	2020-143	1575 NEW DANVILLE PIKE	745 - Alarm system activation, no fire - unintentional

Total # of Incidents for DUTY VEHICLE 10

Apparatus E661 - ENGINE 661			
04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment
04/13/2020	2020-130	1140 COLUMBIA AVE	611 - Dispatched & cancelled en route
04/15/2020	2020-132	1191 MAPLE AVE	743 - Smoke detector activation, no fire - unintentional
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/23/2020	2020-135	430 N DUKE ST	350 - Extrication, rescue, other
04/25/2020	2020-138	24 SOUTHBROOK DR	611 - Dispatched & cancelled en route
04/26/2020	2020-139	336 S PRESIDENT AVE	531 - Smoke or odor removal
04/28/2020	2020-142	184 DICKENS DR	743 - Smoke detector activation, no fire - unintentional
04/28/2020	2020-143	1575 NEW DANVILLE PIKE	745 - Alarm system activation, no fire - unintentional

Total # of Incidents for ENGINE 661 16

Apparatus E663 - ENGINE 663			
04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment
04/13/2020	2020-128	1248 ELM AVE	800 - Severe weather or natural disaster, other

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
04/13/2020	2020-129	336 S WEST END AVE	611 - Dispatched & cancelled en route
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/30/2020	2020-144	820 HERSHEY AVE	733 - Smoke detector activation due to malfunction

Total # of Incidents for ENGINE 663 : 10

Apparatus : STA-N - North Station

04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/02/2020	2020-116	315 S SCHOOL LN	733 - Smoke detector activation due to malfunction
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/18/2020	2020-134	531 UNION ST	111 - Building fire
04/24/2020	2020-137	3033 PHEASANT DR	611 - Dispatched & cancelled en route

Total # of Incidents for North Station : 10

Apparatus : POV - POV

04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/12/2020	2020-123	606 STERLING PL	553 - Public service
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment
04/15/2020	2020-132	1191 MAPLE AVE	743 - Smoke detector activation, no fire - unintentional
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/25/2020	2020-138	24 SOUTHBROOK DR	611 - Dispatched & cancelled en route
04/26/2020	2020-139	336 S PRESIDENT AVE	531 - Smoke or odor removal
04/28/2020	2020-142	184 DICKENS DR	743 - Smoke detector activation, no fire - unintentional
04/28/2020	2020-143	1575 NEW DANVILLE PIKE	745 - Alarm system activation, no fire - unintentional
04/30/2020	2020-144	820 HERSHEY AVE	733 - Smoke detector activation due to malfunction

Total # of Incidents for POV : 17

Apparatus : RES66 - RESCUE 66

04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/15/2020	2020-132	1191 MAPLE AVE	743 - Smoke detector activation, no fire - unintentional
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/25/2020	2020-138	24 SOUTHBROOK DR	611 - Dispatched & cancelled en route
04/26/2020	2020-139	336 S PRESIDENT AVE	531 - Smoke or odor removal

Total # of Incidents for RESCUE 66 : 7

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
Apparatus : STA-S - South Station			
04/02/2020	2020-116	315 S SCHOOL LN	733 - Smoke detector activation due to malfunction
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment
04/13/2020	2020-130	1140 COLUMBIA AVE	611 - Dispatched & cancelled en route
04/18/2020	2020-134	531 UNION ST	111 - Building fire
04/23/2020	2020-135	430 N DUKE ST	350 - Extrication, rescue, other
04/28/2020	2020-143	1575 NEW DANVILLE PIKE	745 - Alarm system activation, no fire - unintentional
Total # of Incidents for South Station : 12			
Apparatus : SQ661 - SQUAD 661			
04/04/2020	2020-117	102 DICKENS DR	611 - Dispatched & cancelled en route
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/13/2020	2020-129	336 S WEST END AVE	611 - Dispatched & cancelled en route
04/14/2020	2020-131	710 STERLING PL	611 - Dispatched & cancelled en route
Total # of Incidents for SQUAD 661 : 4			
Apparatus : SQ665 - SQUAD 665			
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
Total # of Incidents for SQUAD 665 : 1			
Apparatus : SQ662 - TRAFFIC/SQUAD 2			
04/23/2020	2020-136	2102 WILLOW STREET PIKE	551 - Assist police or other governmental agency
Total # of Incidents for TRAFFIC/SQUAD 2 : 1			
Apparatus : SQ663 - TRAFFIC/SQUAD 3			
04/01/2020	2020-115	308 ELMSHIRE DR	622 - No incident found on arrival at dispatch address
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/13/2020	2020-124	43 SCHOOL HOUSE RD	324 - Motor vehicle accident with no injuries.
04/13/2020	2020-125	20 MILL POND DR	730 - System malfunction, other
04/13/2020	2020-127	1130 WHEATLAND AVE	445 - Arcing, shorted electrical equipment
04/15/2020	2020-132	1191 MAPLE AVE	743 - Smoke detector activation, no fire - unintentional
04/14/2020	2020-133	1416 NEWTON RD	445 - Arcing, shorted electrical equipment
04/18/2020	2020-134	531 UNION ST	111 - Building fire
04/23/2020	2020-136	2102 WILLOW STREET PIKE	551 - Assist police or other governmental agency
04/26/2020	2020-139	336 S PRESIDENT AVE	531 - Smoke or odor removal
04/30/2020	2020-144	820 HERSHEY AVE	733 - Smoke detector activation due to malfunction
Total # of Incidents for TRAFFIC/SQUAD 3 : 15			

INCIDENT DATE	INCIDENT #	ADDRESS	INCIDENT TYPE
Apparatus : TRK66 - TRUCK 66			
04/07/2020	2020-118	508 STERLING PL	116 - Fuel burner/boiler malfunction, fire confined
04/07/2020	2020-119	63 MICHELLE DR	113 - Cooking fire, confined to container
04/08/2020	2020-120	1575 NEW DANVILLE PIKE	161 - Outside storage fire
04/09/2020	2020-121	1298 MILLERSVILLE PIKE	113 - Cooking fire, confined to container
04/11/2020	2020-122	1425 QUARRY LN	743 - Smoke detector activation, no fire - unintentional
04/13/2020	2020-130	1140 COLUMBIA AVE	611 - Dispatched & cancelled en route
04/18/2020	2020-134	531 UNION ST	111 - Building fire
Total # of Incidents for TRUCK 66 : 7			
Total # of Incidents for all Apparatus: 110			



**APRIL 2020 REPORT
FOR
LANCASTER TOWNSHIP**

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

- 64 Criminal Reports
- 288 Calls for Service
- 47 Arrests
- 15 Crash Investigations
 - No Fatal Crashes
- 36 Traffic Citations
- 41 Traffic Warnings
- 4 Overdose Incident

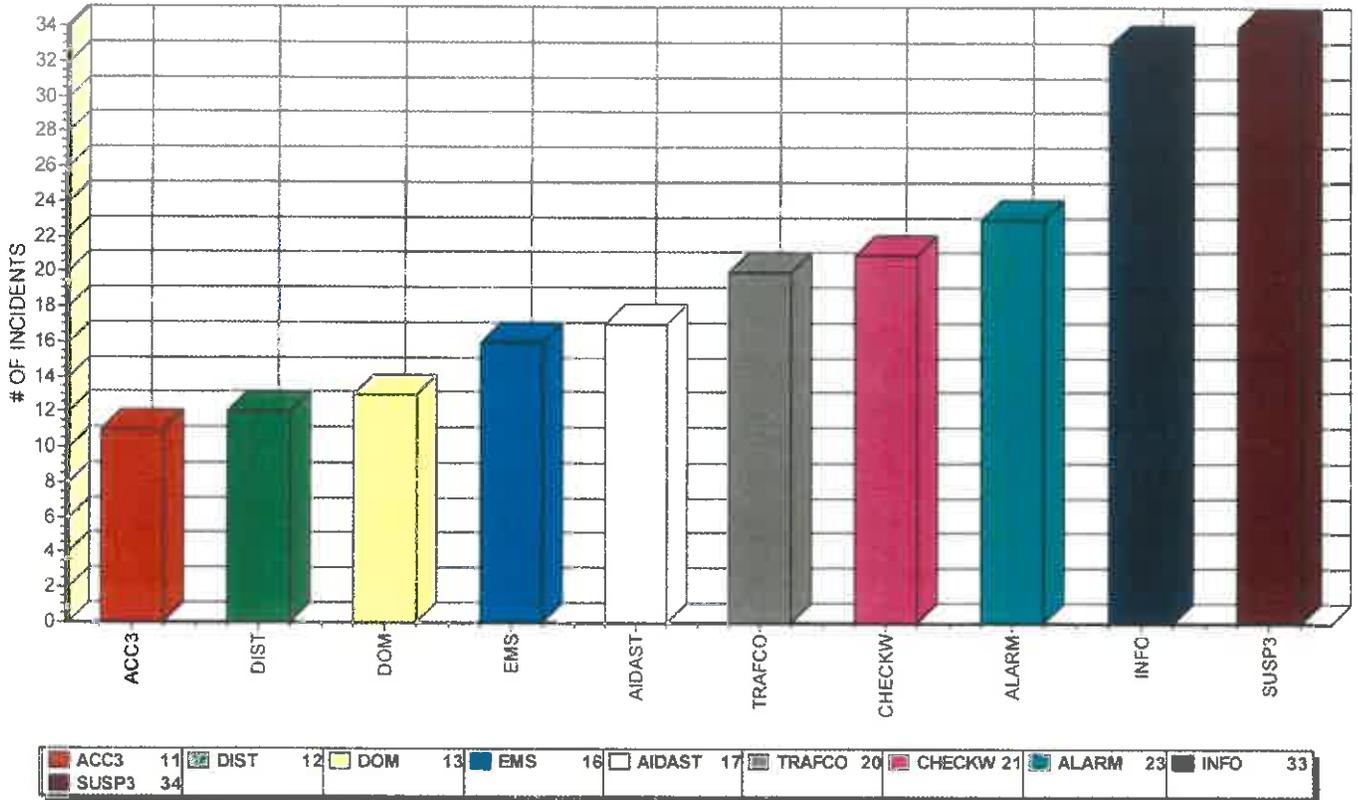
**YEAR (2020) TO DATE SUMMARY OF POLICE ACTIVITIES WITHIN LANCASTER
TOWNSHIP BY THE MANHEIM TOWNSHIP POLICE DEPARTMENT**

- 321 Criminal Reports
- 1280 Calls for Service
- 199 Arrests
- 108 Crash Investigations
 - No Fatal Crashes
- 398 Traffic Citations
- 519 Traffic Warnings
- 10 Overdose Incidents

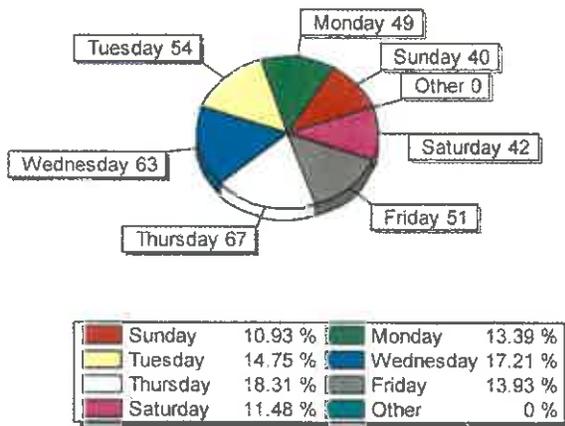
CRIMES and CLEARANCES

Classification of Offenses	April		Y - T - D 2020			Y - T - D 2019		
	Actual	Cleared	Actual	Cleared	Percent	Actual	Cleared	Percent
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	2	0	2	0	0%	0	0	0%
02B-Assault to Rape - Attempts	0	0	0	0	0%	0	0	0%
03A-Robbery Firearm	0	0	3	0	0%	0	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	1	1	100%	0	0	0%
04A-Assault Firearm	0	0	1	0	0%	0	0	0%
04B-Assault Knife or Cutting Instrument	0	0	1	1	100%	0	0	0%
04C-Assault Other Dangerous Weapon	0	0	0	0	0%	0	1	100%
04D-Assault Hands, Fist, Feet, Etc.	1	1	3	3	100%	7	6	86%
04E-Other Assaults-Not Aggravated	11	10	41	42	100%	68	67	99%
05A--Burglary Forcible Entry	0	0	0	0	0%	2	0	0%
05B-Burglary Unlawful Entry-No Force	0	0	0	0	0%	4	1	25%
05C-Burglary Attempted Forcible Entry	0	0	0	0	0%	0	0	0%
06-Larceny-Theft	11	4	98	59	60%	83	40	48%
07A-Motor Vehicle Theft-Autos	2	0	12	2	17%	8	4	50%
07B-Motor Vehicle Theft-Trucks and Buses	0	1	1	1	100%	0	0	0%
07C-Motor Vehicle Theft-Other Vehicles	0	0	0	0	0%	1	0	0%
09D-Arson	0	0	1	1	100%	0	0	0%
Total Part I	27	16	164	110	67%	174	120	69%
100-Forgery and Counterfeiting	0	0	0	0	0%	0	1	100%
110-Fraud	1	1	10	2	20%	8	3	38%
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	1	22	3	14%	18	7	39%
150-Weapons Carrying,Possess,etc.	0	0	1	1	100%	0	0	0%
160-Prostitution and Commercialized Vice	0	0	0	0	0%	0	0	0%
170-Sex Offenses (except 02 and 160)	0	0	2	2	100%	7	4	57%
18A-Drug Sale/Mfg-Opium-Cocaine	0	0	1	1	100%	0	0	0%
18B-Drug Sale/Mfg-Marijuana	0	0	2	2	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	1	2	3	100%	7	7	100%
18F-Drug Possession-Marijuana	6	7	30	29	97%	29	28	97%
18G-Drug Possession-Synthetic	0	0	0	0	0%	0	0	0%
18H-Drug Possession-Other	0	0	0	0	0%	1	1	100%
190-Gambling	0	0	0	0	0%	0	0	0%
200-Offenses Against Family & Children	0	0	1	1	100%	1	1	100%
210-Driving Under The Influence	6	4	15	12	80%	17	21	100%
220-Liquor Law	0	0	0	0	0%	1	1	100%
230-Drunkenness	2	3	12	12	100%	10	10	100%
240-Disorderly Conduct	2	3	3	3	100%	12	12	100%
250-Vagrancy	0	0	0	0	0%	0	0	0%
260-All Other Offenses (Except Traffic)	15	16	56	52	93%	54	45	83%
Total Part II	37	36	157	123	78%	166	142	86%
Total LANCASTER TWP	64	52	321	233	73%	340	262	77%

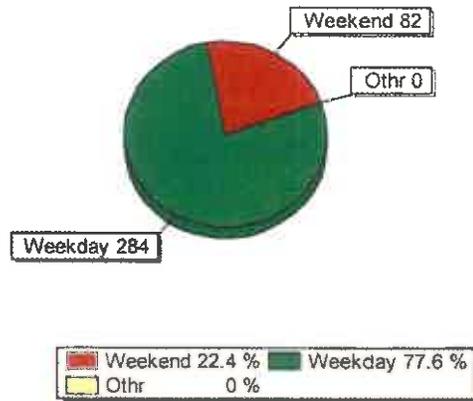
Incident Frequency by TYPE (Top 10 of 64 Shown) (Using DATE RECD)



By Day of Week

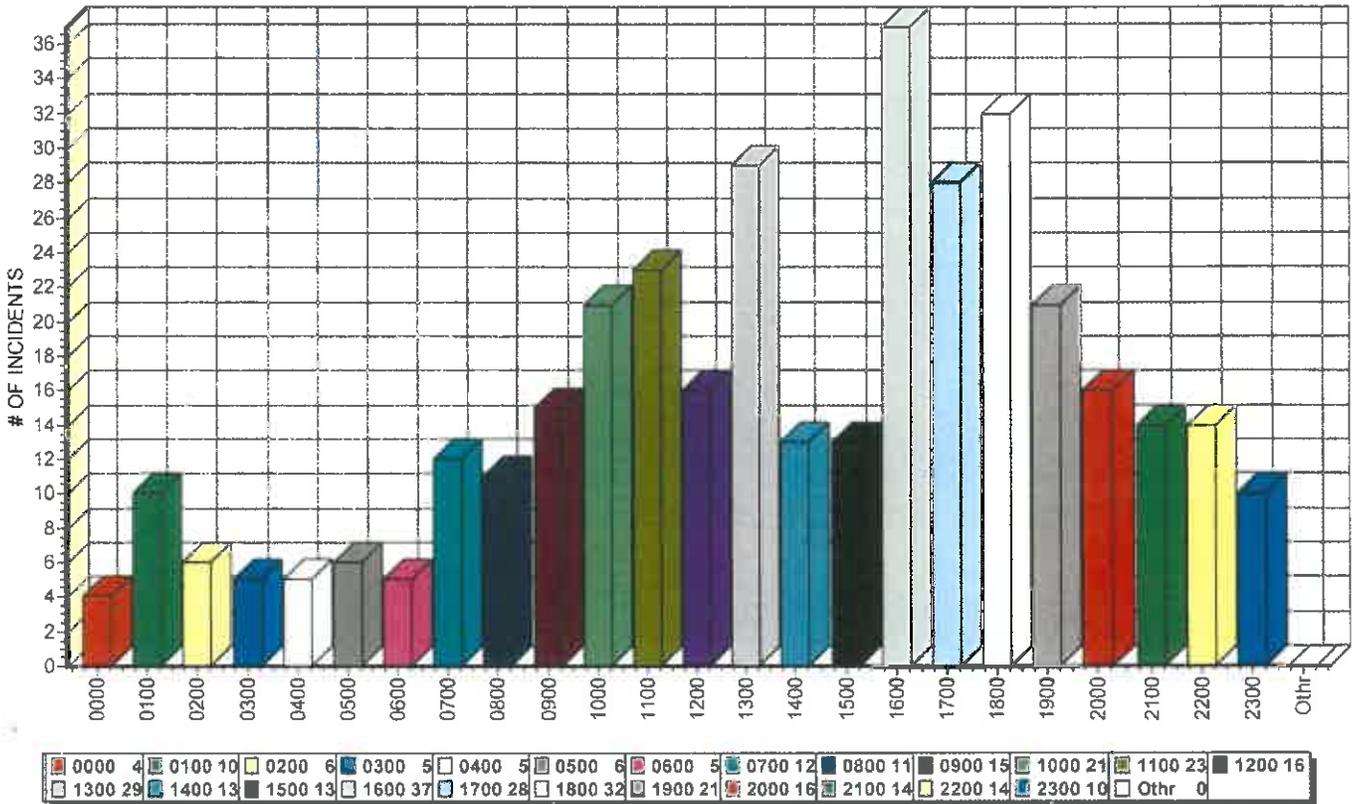


Weekday vs Weekend

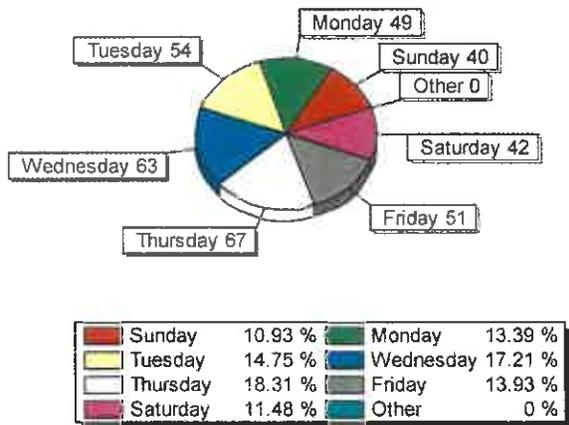


Search Criteria: BLOT.DATE_REC'D between '01-Apr-2020' and '30-Apr-2020' AND
 BLOT.PRI_AGCY = 'LT' AND
 BLOT.STATT = '0' OR
 BLOT.STATT = 'CAD' OR
 BLOT.STATT = 'CLOSED' OR
 BLOT.STATT = 'OPEN'

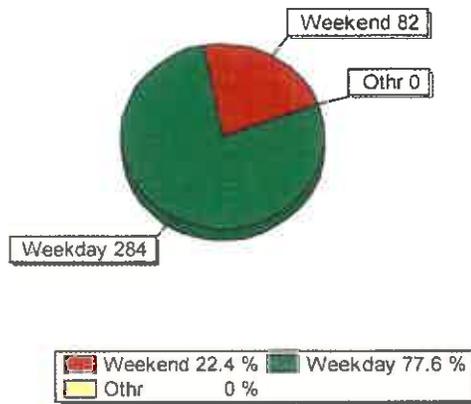
Incident Frequency by Hour of the Day (Using DATE RECD)



By Day of Week



Weekday vs Weekend



Search Criteria: BLOT.DATE_REC'D between '01-Apr-2020' and '30-Apr-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 April 2020

27.88%

Municipality: Hanover Twp

Contractor: Waste Mgmt

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

Comingle 161,780 lbs

Cardboard _____ lbs

Yard Waste 161,340 lbs

Leaves _____ lbs

Christmas trees _____ lbs

White Goods _____ lbs

Steel _____ lbs

Wood _____ lbs

Total pounds 323,120.

Equivalent Tons 161.56

Trash/Refuse Tons 417.97

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

Contractor Waste Mgmt

By Pamela Gimmel

Signature Pamela Gimmel

Date 5/4/2020

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

MARCH 26, 2020

The Regular Board Meeting of the Lancaster Area Sewer Authority was held on March 26, 2020 at 130 Centerville Road, Lancaster, Pennsylvania.

The following Board member was present: Barry Smith. The following Board members were present via conference call: Ed Fisher, Tom Huber, Nick Sahd, Bill Laudien, Barry Kauffman, and Roy Weitzel. Also present was Mike Kyle of LASA. Also present via conference call were Rob Linthicum of RK&K, Scot Fertich, Pete Hartmann, Mike Lehman, and Brian Wilcox of LASA.

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

Mr. Smith asked for approval, considering the Board meeting situation, due to COVID-19, that he read the Finance Committee reports under Agenda Item 4. A motion to approve Mr. Smith, Chairman of the Authority, to read the Finance Committee reports under Agenda Item 4 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

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

Mr. Smith asked for approval of the minutes of the Regular Meeting of February 27, 2020. A motion to approve the minutes of the meeting of February 27, 2020 and the disposition of the recordings of the meeting of February 27, 2020 in accordance with the Resolution passed April 25, 2019, was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase two JWC grinder units for Swarr Run pump station to JWC Environmental. A motion to award the contract to purchase two JWC grinder units for Swarr Run pump station to JWC Environmental through the COSTARS program for a total cost of \$63,622.70 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase a 2020, Ford F-150 pickup truck to Hondru Group Fleet Division. Mr. Kauffman asked if staff looks at alternative fuel vehicles. Mr. Kyle responded that LASA has tried to maintain the same manufacturer in its fleet of vehicles and in the past had considered alternative fuel vehicles but they were not available at the time. He added that staff would look at that option in the future. After some more discussion, a motion to award the contract to purchase a 2020, Ford F-150 pickup truck to Pete Hondru Group Fleet Division through the COSTARS program at a cost of approximately \$27,995.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase a 2020, Ford Transit cargo van T-350 to Pete Hondru Group Fleet Division through the COSTARS program. A motion to award the contract to purchase a 2020, Ford Transit cargo van T-350 to Pete Hondru Group Fleet Division through the COSTARS program at a cost of approximately \$32,962.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended conditional approval of the Builder's Agreement for Traditions of America. A motion to approve the Builder's Agreement for Traditions of America, TOA East Petersburg, in East Hempfield Township and East Petersburg Borough conditioned on receiving all required documents was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract for LASA farm management services to TeamAg. A motion to award the contract for LASA farm management services to TeamAg for a cost not to exceed \$3,855.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract for nutrient credit solicitation assistance to Material Matters. A motion to award the contract for nutrient credit solicitation assistance to Material Matters for a cost not to exceed \$15,000.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase a 2020, Mack Granite dump truck to Legacy Truck Centers, Inc. through the COSTARS program. A motion to award the contract to purchase a 2020, Mack Granite dump truck to Legacy Truck Centers, Inc. through the COSTARS program at a cost of approximately \$126,201.10 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase a 2020, aluminum truck body and related accessories, to Stephenson Equipment, Inc. through the COSTARS program. A motion to award the contract to purchase a 2020, aluminum truck body and related accessories, to Stephenson Equipment, Inc. through the COSTARS program at a cost of approximately \$38,667.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase a Genie telescoping boom lift from Eastern Lift Truck Co., Inc. through the COSTARS program. A motion to award the contract to purchase a Genie telescoping boom lift from Eastern Lift Truck Co., Inc. through the COSTARS program at a cost of approximately \$48,496.94 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract for Columbia pump station arc flash study to Buchart Horn. A motion to award the contract for Columbia pump station arc flash study to Buchart Horn for a cost of \$4,800.00 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended approval of Resolution #20-03-001, restructuring the fees and charges for accepting and treating trucked wastes. A motion to approve Resolution #20-03-001, restructuring the fees and charges for accepting and treating trucked wastes, as presented, effective on or before May 1, 2020, was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase chemicals through the Lancaster County Purchasing Co-Op, from April 2020 to March 2021 as follows:

- Sodium hypochlorite from Univar., for \$0.781/gallon
- Lime from Carmeuse Lime and Stone, for \$0.0881/pound

A motion to award the contract to purchase chemicals as presented through the Lancaster County Purchasing Co-Op, from April 2020 to March 2021 was made by Mr. Huber, seconded by Mr. Weitzel and unanimously approved by the Board.

Mr. Kyle recommended award of the contract to purchase the following polymers from Pollu-Tech, Inc. through the COSTARS program:

- K260 FL for \$1.41/pound
- CL176 for \$1.29/pound

A motion to award the contract to purchase polymers as presented to Pollu-Tech, Inc. was made by Mr. Huber, 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 moved for the approval of Administrative checks in the amount of \$423,242.15; Revenue Fund Requisition #750 in the amount of \$650,000.00; Bond Redemption & Improvement Fund Requisitions/Invoices #2098-1A through #2098-9K in the amount of \$47,047.01; Capital Asset & Replacement Fund Requisitions/Invoices #204-1A through #204-4D in the amount of \$324,337.38; 2015A Construction Fund Requisitions/Invoices #49-1A in the amount of \$1,495.00. The motion was 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 Mike Lehman, Financial Director for the Authority, provided a brief update on LASA's pension fund liability valuation.

Mr. Smith moved to the Personnel Committee. Mr. Kyle reported that LASA's recruiting has been put on hold due to COVID-19.

Mr. Smith moved to the Executive Director's Report. Mr. Kyle provided brief updates on the maintenance Building expansion, the Lower Little Conestoga interceptor rehabilitation project, and the West Earl Township sewer system. Mr. Kyle also provided an update on the Authority's COVID-19 pandemic planning.

Mr. Smith commented that Mr. Kyle, as well as supporting staff, have done an excellent job putting together a personnel plan that helps the Authority deal with keeping operational as well as maintaining the health and safety of all LASA employees in these difficult times. Mr. Smith, on behalf of the Board, thanked Mr. Kyle and staff for their great efforts.

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 moved to the Chairman of the Authority report. A motion that all penalties and interest on past due sewer rental or surcharge billings be waived for the months of March, April, and May specifically for 2020 for all customers was made by Mr. Smith, seconded by Mr. Laudien and unanimously approved by the Board.

Mr. Smith reported that the next regular meeting is April 23, 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. Huber made a motion to adjourn and seconded by Mr. Weitzel the meeting was adjourned at 8:16 a.m.

Edward C. Fisher
Secretary

Minutes of Suburban Lancaster Sewer Authority

April 7, 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 April 7, 2020 at 4:00 P.M. (postponed from March 26th due to COVID-19 emergency).

The following members of the Board participated by teleconference: James Witman, Randal E. Moyer, Devin Groff, Ruth Hocker and Cynthia Evans-Herr. Also present were Frank P. Mincarelli, Esquire, of Blakinger Thomas, PC, Solicitor; and Thomas C. Donahue, P.E. of CDM Smith, Consulting Engineer.

The minutes of the February meeting were read and, upon motion made by Devin Groff, seconded by Cynthia Evans-Herr, 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.

CONSULTING ENGINEER'S REPORT: Thomas C. Donahue 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. Tom reported on the changes and alterations experienced due to the COVID-19 crisis, including adjustments being made to continue SLSA's operations. He then raised the issue of late payment of sewer bills occasioned by the financial hardship caused by the COVID-19 crisis. The Board discussed waiving late fees, but not bad check charges, for late payment of the first quarter 2020, i.e. January 1-March 31, sewer bill. A motion was made by Cynthia Evans-Herr, seconded by Devin Groff, to waive the late fees for first quarter sewer bills provided those bills are paid by the due date of the second quarter bills, namely, July 31, 2020. The motion carried unanimously. A notice to that effect will be posted on the website.

2. Pre-SLSA Sewer Line Replacement Project: CDM Smith reported meeting with a pipe bursting equipment manufacturer (TT Technologies) on March 25, 2020 for preliminary discussion of the application of this trenchless technology to replace the pre-SLSA sewer lines. Based on this meeting, pipe bursting seems to be a promising alternative for this project. CDM Smith anticipates arranging a site visit with TT Technologies and possibly with one or more contractors recommended by TT Technologies.

3. Operation and Maintenance Issues:

a. Grease: CDM Smith reported on grease cleaning at the pumping stations, particularly at Sterling Place, where grease accumulation has increased during the pandemic. CDM Smith also 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 the Authority's system, as an alternative to the Authority's current use of Bioxide. The 2-month trial commenced on February 4th with dosing of the additive at four locations including Sterling Place, Hans Herr, Conard Road, and Summer Breeze pumping stations. During the 2-month trial, CDM Smith collected wastewater samples weekly at seven monitoring locations (pumping stations) for laboratory analyses of key wastewater parameters. CDM Smith also conducted three baseline sampling events prior to commencing the trial. Kroff and MDG conducted weekly checks on the dosing systems and collected additional data to further support the trial effort. The Board approved a request from Kroff to extend the trial for one month with a higher strength (2.5 X) additive, if the cost to the Authority for this additive is the same as the regular strength (1.0 X) additive used so far (as offered by Kroff).

b. Mechanical Pipe Painting: CDM Smith reported that in late February, I.K. Stoltzfus Service Corp. began the mechanical pipe painting work at the Authority's three largest pumping stations along with several valve vaults at these stations and others. Thus far, repainting work has been completed at six of the seven pumping stations: Conard, Summer Breeze, Millstream Village, Marticville, Goods Run and Lyndon. Repainting work remains for the two valve vaults added along New Danville Pike and at Mill Creek PS (after the new Pump #1 is installed).

c. Mill Creek Pump Station: CDM Smith reported recent problems with the soft-starters for two of the pumps (#3 and #4) at the station. Motor Technology investigated these problems and replaced the soft-starter for Pump #4 at a cost of about \$3,000. Motor Tech is continuing to monitor/investigate the issue for Pump #3, where the sheer pin failed, indicating over-torquing possibly due to an obstruction.

d. Infrared Thermography: As previously reported, CDM Smith informed the City that the pumping stations are due for biannual infrared thermography inspection in 2020 for the purpose of identifying potential electrical defects. The City subsequently arranged for a specialty contractor (RUSCO Hydraulics) to complete this on March 4th, and no significant electrical defects were found.

e. Mowing Estimate for 2020: As requested by the Authority at the February meeting, Clean Cut Landscape provided a revised mowing estimate for 2020 which the Board approved. A motion was made by Ruth Hocker, seconded

by Cynthia Evans-Herr, to approve the estimate and enter into an agreement with Clean Cut Landscape. The motion carried unanimously.

4. Miscellaneous: CDM Smith looked into the availability of possible joint municipal stormwater grant funding for an intermunicipal effort to repair the gabion baskets within the Authority's easement for the Lyndon Forcemain along the Conestoga River just downstream of the outfall of the City's WWTP. CDM Smith found that Growing Greener II grant funding is fully exhausted/committed and not available.

SOLICITOR'S REPORT: Frank P. Mincarelli of Blakinger Thomas, PC delivered the following report:

1. He reported that scant collection activity had incurred since the shut-down order imposed by the Governor.

2. He informed the Board about the conduct of remote meetings and Senate Bill 841 which would make remote meetings legal under emergency circumstances. The current law requires a physical quorum to be present BEFORE remote participation by members. We are now operating under what has been termed the "Good Faith" rule. If passed, the bill will require POSTING on the website and publication of notice in the newspaper with a phone number that the public can use to access the meeting.

3. He then presented a resolution for the Board's consideration by which it would declare a disaster emergency. A motion was made by Evans-Herr, seconded by Devin Groff, to approve the resolution. The motion carried unanimously.

4. He reviewed the following requisitions for payment from the Authority's trust accounts for the Board's consideration:

a) Construction Fund Requisition C-02-676 payable to CDM Smith, for Invoice No. 90094643 in the amount of \$3,888.70;

b) Construction Fund Requisition C-02-677 payable to I K Stoltzfus Service Corp. for Mechanical Pipe Painting in the amount of \$38,362.50;

c) Construction Fund Requisition C-02-678 payable to Clean Cut Landscape, LLC for work done at the Goods Run Pump Station in the amount of \$3,140.30; and

d) Revenue Fund Requisition #R96-248 payable to SLSA's administrative checking account for administrative expenses in the amount of \$100,000.

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 April 7, 2020, with all bills paid and requisitions processed, was \$102,826.50 and the balance in the escrow account as of that date was \$66,943.43.

A motion was made by Randal E. Moyer, seconded by Ruth Hocker, 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 Devin Groff, seconded by Cynthia Evans-Herr, to adjourn the meeting at 5:45 p.m., to meet again in regular session on Thursday, April 30th, at 4:00 P.M. by remote access to be published and posted for public participation. The motion carried unanimously.

(Asst.) Secretary

01163901.3 / (41261.001)

ENGINEER'S REPORT
to the
SUBURBAN LANCASTER SEWER AUTHORITY

April 30, 2020

Prepared:

April 27, 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 March 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.

Millwood Road Lot 1 – CDM Smith received a letter dated April 24, 2020 from CCS Building Group to request that the previously requested and approved sewage capacity amount for this project be reduced from 6 EDUs to 3 EDUs. A copy the letter is attached to this Engineer's Report. This request is based on the maximum building capacity of 25 employees and SLSA's current Rate Resolution. The proposed facility will consist of offices and warehouse space for CCS Building Group and is located at 598 Millwood Road in Pequea Township. Sewage capacity has not been reserved for the project and tapping fees have not been paid yet.

Meadows of Strasburg – CDM Smith received a letter dated April 24, 2020 from Rettew Associates, on behalf of E.G. Stoltzfus Land, LLC, requesting 84 EDUs of capacity for the proposed Meadows of Strasburg residential development in Strasburg Township. A copy of Rettew's letter, along with site maps, and a capacity approval letter dated October 15, 2019 from Strasburg Township are attached to this Engineer's Report. The proposed project will consist of 83 new single-family homes and one existing single-family home. Our understanding is that Strasburg Borough will need to approve the allocation of 84 EDUs for this project from its bulk sewer customer allocation with SLSA, before SLSA can approve the capacity request.

Since the March 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 March 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 March SLSA meeting, CDM Smith has reviewed development plans (initial or revised) for one development project (Penn Grant Commons West).

C. INSPECTIONS

During the month of March, CDM Smith inspected construction of sewer extensions/facilities for SouthPointe at Lakes. We also inspected new service connections at 11 Verbena Drive of Spring Meadow; 4 and 9 Stoneway Path of Stone Meadow Place; 725, 727, and 729 Danforth Circle of Summerfield; and 5, 6, 7, and 8 Southside Drive of Penn Grant Commons Phase 4.

D. CAPACITY UTILIZATION CALCULATION

CDM Smith has completed the quarterly update of the Calculation of Capacity Utilization to reflect the first quarter of 2020. The calculation compares the net SLSA capacity at the City Plant with the allotted capacity remaining to be used by SLSA and is performed on both a hydraulic and nutrient-limited basis. On a hydraulic basis, the calculation for the first quarter shows 1.89 MGD of remaining capacity prior to consideration of existing commitments and 1.77 MGD of capacity after commitments. On a nutrient-limited basis, the calculation shows 1.04 MGD prior to consideration of existing commitments and 0.96 MGD after commitments.

E. MUNICIPAL PARTNERS

CDM Smith attended a quarterly Municipal Partners meeting on April 14, 2020. An updated listing of future Capital Sewer Projects was distributed. The next escrow payments due will be for the planning and design of the New North Secondary Clarifier and Return Sludge Pumping Station; design of Oxygen Plant Improvements at the WWTP; and construction of a primary electric service upgrade and transformer replacements at the WWTP.

The City also provided an update on its response to the PADEP's recent action pertaining to sewage planning exemptions for future development projects within the entire regional service area of the City WWTP. The City is proceeding to appeal the PADEP's action to the State's Environmental Hearing Board, but the City has dropped its attempt to temporarily stay the PADEP's action.

F. FINANCIAL MATTERS

QuickBooks Implementation – CDM Smith has begun to engage Trout, Ebersole & Groff (Trout) about moving SLSA financials to a modern accounting software system (QuickBooks). We reviewed a preliminary/draft proposal received from Trout in April for QuickBooks implementation and subsequently coordinated with Trout to develop more detailed/specific scope, estimated costs, and phasing of the implementation. We expect to present a proposal from Trout to the Board at the April meeting.

Capital Cost Sharing - As initially discussed at the December 2019 SLSA meeting, CDM Smith has contacted Strasburg Borough about SLSA's intent to bill the Borough for its share of SLSA capital projects (particularly for Lyndon and Mill Creek Pumping Stations), in the same manner that SLSA bills the Borough for its share of City capital sewer projects. CDM Smith provided the Borough with a copy of the summary tabulation presented to the Authority at the February meeting of SLSA's capital expenses for the past five years that are applicable for cost sharing with the Borough. Moving forward, we anticipate invoicing the Borough more regularly for its share of applicable SLSA capital projects.

2020 Construction Fund - As initially discussed at the January SLSA meeting, CDM Smith has coordinated with Fulton Bank (Trustee), Barley Snyder, and Blakinger Thomas regarding the establishment of a new 2020 Construction Fund to prepare SLSA for anticipated capital expenses for SLSA construction projects and City capital sewer projects. Blakinger Thomas has prepared a BR&I Fund requisition and related documentation for this purpose that will be presented to the Authority for approval at the April meeting.

2020 Bond Issue – On the prior advice of RBC Capital Markets and Barely Snyder, the Authority approved a 2020 Bond Issue to refinance SLSA's Series of 2015 Bonds and to prepay some debt. The closing for this bond issue occurred on March 18, 2020. As previously directed by the Authority, \$1 million was transferred from the Revenue Fund for the debt prepayment. Barely Snyder will provide SLSA with a copy of the closing documents binder for this bond issue when it is completed.

G. BASELINE TAPPING FEE EDUs

CDM Smith has begun 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. To date, we have examined the 22 monthly metered accounts, which are the largest of the metered customers. Preliminary results show that seven of these monthly metered accounts had a monthly consumption figure over the past year that exceeded the baseline number of EDUs. We will evaluate these monthly metered accounts further, including contacting the customers if necessary. We intend to review our findings with the Authority at the May meeting, which will also include our comparison of the past year flows to baseline amounts for SLSA's 64 quarterly metered accounts.

H. SEWER SYSTEM OPERATION AND MAINTENANCE

A meeting was held with representatives of the City of Lancaster on April 8, 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.

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 meeting with a pipe bursting equipment manufacturer (TT Technologies) on March 25, 2020 for preliminary discussion of the application of this trenchless technology to replace the pre-SLSA sewer lines. Based on this meeting, pipe bursting seems to be a promising alternative for this project. We anticipate arranging a site visit with TT Technologies and possible with one or more contractors recommended by TT.

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.

K. PENNSYLVANIA ONE CALL

During the month of February, CDM Smith received a total of 77 tickets from PA One Call System, Inc., 45 of which required sewer location.

**SUBURBAN LANCASTER SEWER AUTHORITY
MANAGEMENT PLAN
AS OF MARCH 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	67	65	7,350
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	Binkley 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	Millwood Road Lot 11	Pequea	27-Nov-18	5	5	0	1,750
Misc	Sheetz in Willow Street	West Lampeter	27-Feb-20	8	8	0	2,800
TOTALS				<u>367</u>	<u>166</u>	<u>150</u>	<u>75,950</u>

**SUBURBAN LANCASTER SEWER AUTHORITY
SEWAGE CAPACITY REQUESTS
AS OF MARCH 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	<u>95</u>	<u>33,250</u>	<u>95</u>	<u>33,250</u>	
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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 MARCH 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	1,196	351	130	706
New Capacity Requests (2)	3	0	0	0
Recovered Capacity	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Remaining Capacity (EDUs)	1,193	351	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) 2 EDUs for Stone Meadow Place and 1 EDU for Spring Meadow/Peony Road Tract

**SUBURBAN LANCASTER SEWER AUTHORITY
TRACKING OF DEVELOPMENTS
WITHOUT CAPACITY RESERVATION
AS OF MARCH 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	3	3
Willow Bend Farms	West Lampeter	88	88	84
Summerfield	Pequea	148	148	136
Penn Grant Commons	Pequea	169	162	158
Stone Meadow Place	West Lampeter	14	10	6
Good Subdivision	West Lampeter	2	0	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	15	11
1266 Gypsy Hill Rd Subdivision	West Lampeter	1	0	0
Village Park	West Lampeter	2	0	0
1376 New Danville Pike	Lancaster	1	0	0
Willow Woods Village	West Lampeter	9	0	0
Millwood Road Lot 1	Pequea	6	0	0
Eshelman Mill Road Subdiv.	West Lampeter	3	0	0
Weis Gas-N-Go (Kendig Square)	West Lampeter	1	NA	0
1891 Windy Hill Road	West Lampeter	1	0	0
Stuedler Tract	Pequea	23	0	0
Penn Grant Commons West	Pequea	194	0	0
<u>Inactive</u>				
Grouse Pointe Farm	West Lampeter	88	0	0
Rockvale Road Properties	West Lampeter	19	0	0
Millwood Road Lot 6	Pequea	2	0	0
1502 Mentzer Rd (Melvin King)	West Lampeter	2	1	1

(1) With Township approval of capacity.



BUILDING
GROUP

100 Willow Valley Lakes Dr.
Willow Street, PA 17584
P 717.490.8090
F 717.464.8691

April 24th, 2020

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

RE: SLSA Permit
Building Forward Partners
598 Millwood Road
Willow Street, PA 17584

Dear Tom,

Thank you for clarifying some questions regarding our sanitary sewer needs for our new office location.

Based on our maximum building capacity of 25 employees and the reference standard of 0.10 gpd/employee we discussed, I respectfully request capacity for 2.5 edu's for our project. I understand this value may need to be rounded up to 3 edu's.

Furthermore, I am confident we will not approach that volume of capacity in the use of our building and remain hopeful that we can receive a future credit for a utilized capacity based on our actual consumption.

Sincerely,

A blue ink handwritten signature, appearing to read 'William Koch', written over a light blue horizontal line.

William Koch



We answer to you.

3020 Columbia Avenue, Lancaster, PA 17603 • Phone: (800) 738-8395
E-mail: rettetw@rettetw.com • Website: rettetw.com

Engineers

Environmental
Consultants

Surveyors

Landscape
Architects

Safety
Consultants

April 24, 2020

Mr. Tom Donahue
CDM Smith
280 Granite Run Drive Suite 160
Lancaster, PA 17601

RE: The Meadows at Strasburg (Mersky Tract)
Strasburg Township, Lancaster County, PA
Revised Sewer Capacity Request
RETTEW Project No. 016932002

Dear Mr. Donahue:

On behalf of our Client, E.G. Stoltzfus Land, LLC, RETTEW is requesting a letter indicating sufficient sewer capacity to serve the proposed 26-acre Meadows at Strasburg development, located off Prospect Road in Strasburg Township, Lancaster County, Pennsylvania. The project includes two parcels: the 23-acre Mersky Tract (PIN 580-20095-0-0000) and the 3.6 acre Bowman Tract (PIN 580-57321-0-0000). The project will consist of an 83-lot single-family residential development. One (1) stub for potential future connection for the existing Bowman Tract dwelling is also proposed.

Based on flow estimates found in Exhibit C of the Strasburg Borough Authority's Resolution No. 2008-2 and using Strasburg's Equivalent Dwelling Unit (EDU) rate of 227 gpd/EDU, the estimated total sewer demand of the project is 19,068 gallons per day, or 84 EDUs.

Description	Units	EDU/Unit	EDUs	Gallons Per Day
Residential	83 Single Family	1	83	18,841
TOTAL			83	18,841

I have enclosed a location map of the proposed project for your information. Thank you in advance for your assistance in this matter. Please feel free to call me if you have any questions.

Sincerely,

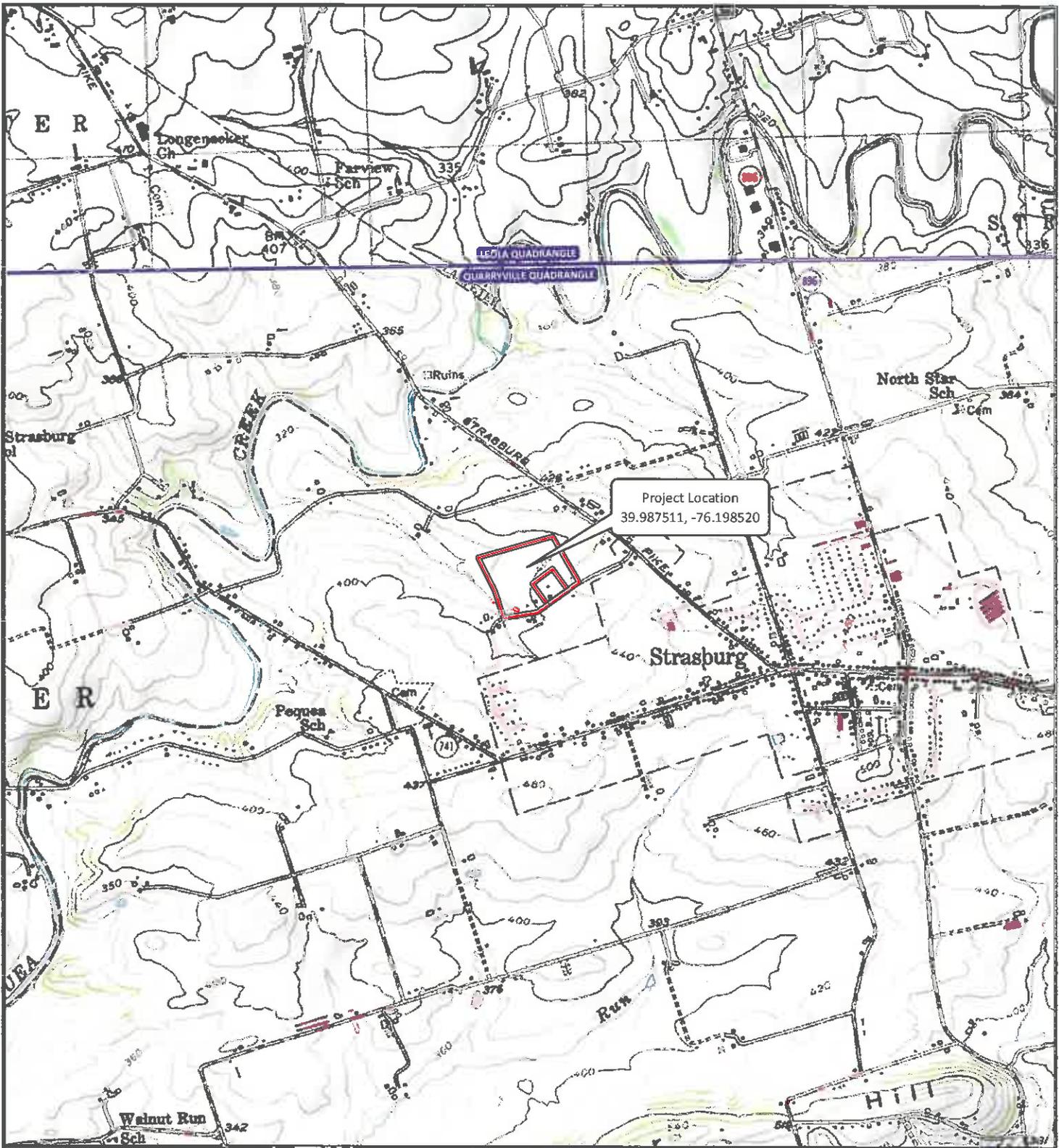
David D. Miller

David Miller, PE
Project Manager

Enclosures

Z:\Shared\Projects\01693\016932002-Mersky\LD\Planning Module\Capacity Requests\2020-04-24-Ltr-SLSA-SewerServ.docx





Project Location
39.987511, -76.198520

 Site Boundary

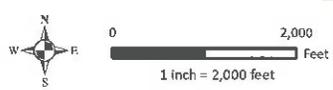
E.G. Stoltzfus

Mersky Site

Figure 1 - Site Location Map

Strasburg Township, Lancaster County, PA

Project No. 016932002



STRASBURG TOWNSHIP BOARD OF SUPERVISORS

400 Bunker Hill Road

Strasburg, PA 17579

Telephone (717) 687-6233 Fax (717) 687-9780

Email: administrator@strasburgtownship.com

Web Site: www.strasburgtownship.com

C. MICHAEL WEAVER
VICE CHAIRMAN

THOMAS S. WILLIG
CHAIRMAN

PEGGY L. DEAROLF
SUPERVISOR

October 15, 2019

David Miller, PE
Rettew Associates
3020 Columbia Avenue
Lancaster, PA 17603

Re: Revised Sewer and Water Capacity Request for
Mersky Tract Subdivision – Prospect Road

Dear Mr. Miller:

The Strasburg Township Board of Supervisors, at a meeting held on April 1, 2019, conditionally approved the request for six (6) additional EDU's for a total of eight-three (83) EDU's (227 gallons per day/EDU) in accordance with the Bulk Customer Sewer and Water Agreement executed between Strasburg Township and the Borough Authority. The original 77 EDU's were approved by the Board of Supervisors on September 4, 2018.

The conditions of approval are as follows:

1. The applicant shall pay all applicable capacity reservation and connection fees in accordance with the Strasburg Township Rate Ordinance.
2. The applicant shall submit construction drawings to the Township for review and approval by Strasburg Township and the Borough Authority.

Please contact me if you have any questions regarding this correspondence.

Sincerely,


Mark A. Deimler, PE
Township Administrator

Cc: Strasburg Borough Authority via Email

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

Number of Permits Issued (See Attached List)..... 3
 Number of Service Connection Inspections..... 10

Fees Collected:

Tapping Fee	3	@	\$3,000.00 Each =	\$ 9,000.00
Tapping Fee	0	@	\$2,500.00 Each =	\$ -
Connection Fee	0	@	\$1,200.00 Each =	\$ -
Inspection Fee - Gravity	3	@	\$225.00 Each =	\$ 675.00
Inspection Fee - Pump	0	@	\$450.00 Each =	\$ -
Total				<u>\$ 9,675.00</u>

Summary of Existing Accounts:

	<u>Flat Rate</u>		<u>Metered (1)</u>		
	No.	EDUs	No.	Billing EDUs	Planning EDUs
Pequea Township	657	963	7	21	10
Lancaster Township	969	1,355	8	88	43
West Lampeter Township	4,258	4,807	71	1,906	907
Totals:	<u>5,884</u>	<u>7,125</u>	<u>86</u>	<u>2,015</u>	<u>960</u>

(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
MARCH 2020**

No.	Date Issued	Owner's Name	Connection Location	MP Code	Twp.	Start Date
6211	03/20/19	Millfield Construction	729 Danforth Circle (GP C-71)	Misc	P	03/02/20
6212	03/20/19	Millfield Construction	727 Danforth Circle (GP C-57)	Misc	P	03/02/20
6213	03/20/19	Millfield Construction	725 Danforth Circle (GP C-58)	Misc	P	03/02/20
6278	12/02/19	Berks Homes	9 Stoneway Path	131	W	03/02/20
6281	01/08/20	C&F Contracting	11 Verbena Drive	147	W	03/05/20
6283	01/27/20	Garman Builders	5 Southside Drive	136	P	03/13/20
6284	01/27/20	Garman Builders	6 Southside Drive	136	P	03/13/20
6285	01/27/20	Garman Builders	7 Southside Drive	136	P	03/13/20
6286	01/27/20	Garman Builders	8 Southside Drive	136	P	03/13/20
6293	02/20/20	Lancaster Home Builders	4 Stoneway Path	131	W	03/04/20
6295	03/02/20	Berks Homes	12 Stoneway Path	131	W	
6296	03/02/20	Berks Homes	13 Stoneway Path	131	W	
6297	03/27/20	C&F Contracting	12 Verbena Drive	147	W	

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SUBURBAN LANCASTER SEWER AUTHORITY

Development Plan Status Report April 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. CDM Smith received and reviewed record plans for Phase 4 and issued comment letters dated March 5 and March 7, 2019. We reviewed revised plans and issued an approval letter dated March 12, 2019. Revised record plans with final rim elevations were received June 5, 2019. An AutoCAD file 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 will need to be transferred or reissued to the potential new owner.

Willow Run (597 Millwood Road Tract)

Phase 1 was dedicated to SLSA on June 30, 2016. A Developer's Agreement for Phases 2 and 3 was executed by the Authority at the April 26, 2018 meeting. CDM Smith provided inspection services during construction. Record plans were reviewed and an approval letter dated August 6, 2018 was issued. Dedication documents were conveyed to the Developer on September 17, 2018 and executed by SLSA at the December 20, 2018 meeting. The last building (with six dwelling units) was connected to SLSA's system in July 2019. Remaining inspection escrow (\$5,892) was refunded in September 2019. The Letter of Credit amount was reduced to 15% of the original amount during the 18-month guarantee and maintenance period that expires on June 20, 2020. The final wearing course for the private streets was inspected by CDM Smith on November 20, 2019 and found to be satisfactory.

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 is reviewing record plans received on January 30, 2020.

Willow Valley Crossroads – 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.

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.

Willow Valley Crossroads – 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.

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.

Willow Valley – Addition to the Glen

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

Willow Valley Crossroads – Phase III

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. We are awaiting receipt of record plans (requested again on December 2, 2019).

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.

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, we will request record plans for this project, which involved the installation of a private 150 LF service lateral/line.

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 is providing inspection services during construction.

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 is inspecting this sewer construction work.

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. On April 24, 2020, CDM Smith received a request from CCS to reduce the requested sewage capacity amount from 6 EDUs to 3 EDUs.

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.

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 will provide inspection services during construction.

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 will provide inspection services during construction.

1891 Windy Hill Road (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 (\$500) were received on February 6, 2020. CDM Smith will provide inspection services during construction.

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. CDM Smith is proceeding with review of the land development plans received on February 12, 2020 and with preparation of requested Component 3 sewage planning input on SLSA's system.

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.

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 not yet dedicated, as reconfirmed with Lancaster Township on June 5, 2019.
- River View Estates (Ketterline Builders Development) - Streets not yet dedicated to West Lampeter Township.
- 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.

- Willow Ridge Manor - Streets 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.

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**SUBURBAN LANCASTER SEWER AUTHORITY
ANALYSIS OF REMAINING SEWAGE CAPACITY AT CITY PLANT (1)
HYDRAULIC BASIS
MARCH 2020**

	2nd Quarter 2019	3rd Quarter 2019	4th Quarter 2019	1st Quarter 2020
Gross SLSA Sewage Flow (2)	228,417,000	170,573,000	186,663,000	213,048,000
Quarterly Precipitation (inches) (3)	11.5	7.8	10.6	9.1
Adjustment for Strasburg Borough Actual Usage	22,577,116	16,612,053	15,889,816	17,694,417
Net SLSA Sewage Flow	205,839,884	153,960,947	170,773,184	195,353,583
Allotted SLSA Capacity at City Plant (4)	366,730,000	366,730,000	366,730,000	366,730,000
Net Available SLSA Sewage Capacity	160,890,116	212,769,053	195,956,816	171,376,417
Net Available SLSA Sewage Capacity (GPD) (5)	1,768,023	2,338,121	2,153,372	1,883,257
Net Available SLSA Sewage Capacity (EDUs) (6)	5,051	6,680	6,152	5,381
Committed Unused EDUs (7)	216	208	211	217
Committed Reserved EDUs (8)	102	108	103	95
EDU's Available After Commitments	4,733	6,364	5,838	5,069
GPD Available After Commitments	1,656,723	2,227,521	2,043,472	1,774,057

Notes:

- (1) All figures are in gallons per quarter unless otherwise specified.
- (2) Based on City billing records.
- (3) Precipitation data from Millersville University's Weather Information Center website.
- (4) Based on split of 4.03 MGD to SLSA and 0.45 MGD to Strasburg Borough of total 4.48 MGD City Plant capacity. (4.03 MGD x 91 days/quarter = 366,730,000 gallons/quarter)
- (5) Based on 91 days/quarter.
- (6) Based on 350 gallons/day/EDU.
- (7) From SLSA Management Plan.
- (8) From SLSA Capacity Request List.

**SUBURBAN LANCASTER SEWER AUTHORITY
ANALYSIS OF REMAINING SEWAGE CAPACITY AT CITY PLANT (1)
NUTRIENT-LIMITED BASIS
MARCH 2020**

	2nd Quarter 2019	3rd Quarter 2019	4th Quarter 2019	1st Quarter 2020
Gross SLSA Sewage Flow (2)	228,417,000	170,573,000	186,663,000	213,048,000
Quarterly Precipitation (inches) (3)	11.5	7.8	10.6	9.1
Adjustment for Strasburg Borough Actual Usage	22,577,116	16,612,053	15,889,816	17,694,417
Net SLSA Sewage Flow	205,839,884	153,960,947	170,773,184	195,353,583
Allotted SLSA Capacity at City Plant (4)	290,290,000	290,290,000	290,290,000	290,290,000
Net Available SLSA Sewage Capacity	84,450,116	136,329,053	119,516,816	94,936,417
Net Available SLSA Sewage Capacity (GPD) (5)	928,023	1,498,121	1,313,372	1,043,257
SLSA-Generated Sewage Capacity Based on Nutrient Offsets (GPD) (6)	23,600	23,600	23,600	23,600
Net Available SLSA Sewage Capacity (EDUs) (7)	2,719	4,348	3,820	3,048
Committed Unused EDUs (8)	216	208	211	217
Committed Reserved EDUs (9)	102	108	103	95
EDU's Available After Commitments	2,401	4,032	3,506	2,736
GPD Available After Commitments	840,323	1,411,121	1,227,072	957,657

Notes:

- (1) All figures are in gallons per quarter unless otherwise specified.
- (2) Based on City billing records.
- (3) Precipitation data from Millersville University's Weather Information Center website.
- (4) Based on split of 3.19 MGD to SLSA and 0.36 MGD to Strasburg Borough of total 3.55 MGD City Plant capacity. (3.19 MGD x 91 days/quarter = 290,290,000 gallons/quarter)
- (5) Based on 91 days/quarter.
- (6) Based on number of existing properties with on-lot systems that connected to sewer.
- (7) Based on 350 gallons/day/EDU.
- (8) From SLSA Management Plan.
- (9) From SLSA Capacity Request List.

SUBURBAN LANCASTER SEWER AUTHORITY

Operation and Maintenance Meeting

MINUTES

Meeting Date – April 8, 2020 (Completed via Conference Call)

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 Jefferson Square Pumping Station on March 11, Sterling Place Pumping Station on March 17 & 26, and Lyndon Pumping Station on March 27. During the State's COVID-19 stay-at-home order, we have noticed that FOG loading has increased substantially at Sterling Place Pumping Station.

2. 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 is awaiting revisions to the shop drawing submittal for the new pump to address our comments. At CDM Smith's request, Eastern Environmental is scheduled to remove the debris left from the demolition activities during the week of April 13.

The pump starter unit (programmable soft starter with control board) for Pump No. 3 started having issues on March 26. To determine if the problem was with the starter or the pump, the City first swapped the faulty starter with the identical starter for Pump No. 4. The City found that the starter (particularly the control board) was bad. In collaboration with CDM Smith and Motor Technology, it was decided that the entire aging starter should be replaced, rather than just replacing the bad control board. Accordingly, Motor Technology replaced the faulty starter (as left on Pump No. 4) with a new WEG unit on March 30.

Subsequently, Pump No. 3 started having similar issues again on March 31 and Motor Technology returned to investigate if the old starter moved from Pump No. 4 was causing the issues. The issues were not able to be replicated and the pump was put back in service without any additional faulting. The City will monitor this pump should the issue occur again. SLSA should consider purchasing a spare starter for Pumps Nos. 2, 3, and 4, which all have the same type (interchangeable) of starter.

During these recent pump issues, it was noticed that the PLC did not operate as expected with only two pumps in rotation (normally set-up for three pumps in rotation). This is thought to be

a programming issue and CDM Smith will follow-up with GES for PLC troubleshooting/reprogramming.

3. Millstream Village Pumping Station

At the November Authority meeting, the Authority Authorized CDM Smith to move forward with running 3-phase power to the station. CDM Smith requested cost proposals from four electrical contractors (Susquehanna Mech, HEIM, Pagoda, and Garden Spot) to be submitted by January 16. Due to receiving only one contractor proposal, with a cost that exceeded the statutory bidding threshold, the Authority directed CDM Smith to moving forward with formally bidding this work. CDM Smith is preparing bid documents (specifications and electrical line diagram) and expects to advertise the project for bidding in May/June.

4. 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. Thus far, repainting work has been completed at six of the seven pumping stations: Conard, Summer Breeze, Millstream Village, Marticville, Goods Run, and Lyndon. Stoltzfus is currently working at the Mill Creek Pumping Station. Additionally, the two air release/valve vaults for Lyndon Forcemain along New Danville Pike, which were added as part of a change order, remain to be repainted.

5. Biological Treatment Trial

The 2-month trial use of a biological additive to control grease commenced on February 4 and is expected to last until the end of March. The four dosing locations for the biological additive are Sterling Place, Hans Herr, Conard Road, and Summer Breeze pumping stations. During the 2-month trial, CDM Smith has collected wastewater samples weekly at seven monitoring locations (pumping stations) for laboratory analyses of key wastewater parameters and is awaiting the final results. We also conducted three baseline sampling events prior to commencing the trial. Kroff Chemical Company/Microbial Discovery Group is conducting weekly checks on the dosing systems and is collecting additional data to further support the trial effort. While the primary data collection period has ended there is approximately three more weeks of product left.

6. Emergency Plan for Jefferson Square, Hans Herr, and Roslyn Pumping Stations

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. During Chapter 94 inspections conducted by CDM Smith, we noted that a manual transfer switch and portable generator connection are present at Jefferson Square Pumping Station which could be used to supply back-up power.

In the interim, the City is authorized to call in a third party vector truck vendor, if necessary, to prevent a sewage spill.

7. Bypassing Availability at Pumping Stations

The City relayed resiliency concerns with pumping stations that do not have bypass connections set-up 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. The Authority has authorized CDM Smith to prepare conceptual designs and budgetary cost estimates for installation of bypass connections at SLSA's three largest stations.

8. Meeting

The next O&M meeting is scheduled for 9:00 am on Wednesday, May 13 at the City AWWTP.

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

A total of 195.63 Hours were spent maintaining S.L.S.A. equipment, these hours are the result of
Daily Station checks, Preventative & Corrective maintenance.

- 3-2 Removed 4 Inch Vent & cleaned Pump water strainers at Hans Herr P/S. Switched Channel Monster Grinders at Goods Run P/S. Monthly P.M. on Relief valves at Silver Lane P/S. Cleaned Still wells at Lyndon & Millcreek P/S. Quarterly Electrical P.M. performed at Lyndon P/S.
- 3-3 Quarterly Electrical P.M. performed at Silver Lane, Goods Run & Millcreek P/S. Mounted Check Valve Switch on Goods Run #2 Pump. After hours Call In for #2 VFD Fault at Lyndon P/S.
- 3-4 Rusco performed Infra-Red Testing of Electrical equipment.
- 3-5 Pressure washed the Fence, Generator & Vaults at Silver Lane P/S.
- 3-9 Greased both "Channel Monsters" at Lyndon P/S.
- 3-10 Cleaned Lyndon & Millcreek P/S Stillwells. Cleaned Strainers at Hans Herr P/S. Cleaned Inlet screen at Lyndon P/S. Replaced Generator Battery at Willow Bends P/S.
- 3-17 Cleaned Stillwells at Lyndon & Millcreek P/S.
- 3-18 Took 2 Drums of Chemical to Hans Herr P/S for Kroff Chemical Co.
- 3-20 After Hours Call in for Millcreek P/S Power Failure. #3 Motor trips the Breaker, Locked it out.
- 3-23 Another after Hours Call in for Millcreek P/S Power Failure, a car hit the Electric Pole. Performed Bi-Monthly Generator Battery P.M. Cleaned Lyndon & Millcreek P/S Stillwells.
- 3-24 Called P/S Alarms to check status. Cleaned Strainers on Hans Herr P/S pumps. Troubleshooting the #3 Pump at Millcreek P/S, found the coupling bolts sheared & replaced them. Still trying to figure out what's wrong with the Pump.
- 3-25 Another after Hours Call in for Millcreek P/S Power Failure. #3 Pump faulted out again & tripped the Main Breaker. The Electrical Prints from G.E.S. are missing some vital information. Matt Lehr has a call into Adam Smith.
- 3-26 Again troubleshooting the #3 Pump at Millcreek P/S. We found the "Soft Start" fails after it heats up after it was switched to Pump #4.
- 3-30 Cleaned Stillwells at Lyndon & Millcreek P/S. Cut off several rusted Bolts from Millcreek Pump #1 Discharge piping & replaced with new.
- 3-31 Cleaned Strainers on Hans Herr P/S pumps. Motor Tech. repaired Millcreek P/S #4 Soft Start Drive but the Pump really sounds bad, it was shut down until we can access the Drywell due to the Painters.

SUBURBAN LANCASTER SEWER AUTHORITY
SEWAGE PUMPING STATION FLOWS
AS OF MARCH 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)		1,593,512			567,192			485,583		
Peak Day (12 Months)		3,267,000			1,210,000			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
2019										
April	3.87	2,034,567	2,581,000	1.27	742,033	951,000	1.28	647,803	828,413	1.28
May	6.50	2,087,581	3,267,000	1.56	741,645	1,210,000	1.63	673,626	1,167,286	1.73
June	4.68	1,614,133	1,949,000	1.21	565,700	639,000	1.13	477,607	566,820	1.19
July	2.92	1,484,387	1,858,000	1.25	547,419	987,000	1.80	414,672	484,435	1.17
August	3.94	1,400,581	2,746,000	1.96	475,839	772,000	1.62	356,238	433,640	1.22
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)		45.63								
Distribution:		Annual (Avg)								
				%						
Lyndon (Total)		19,122,148							100	
Mill Creek		6,806,300							36	
Goods Run		5,826,990							30	
Lyndon (Gravity)		6,488,857							34	
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										

