



NORTH SAN MATEO COUNTY SANITATION DISTRICT

a subsidiary of the City of Daly City

333 – 90TH STREET, DALY CITY, CALIFORNIA 94015-1895

(650) 991-8127



REGULAR MEETING – BOARD OF DIRECTORS

Monday, November 28, 2016 - 6:45 PM
City Hall Council Chambers – 2nd Floor
333 – 90th Street, Daly City, CA 94015

AGENDA

Persons with disabilities who require auxiliary aids or services in attending or participating in this meeting should call the office of the City Clerk at 991-8078. *We will need **FIVE (5) WORKING DAYS BEFORE ANY FUTURE MEETINGS** to make any necessary accommodations.*

CALL TO ORDER:

ROLL CALL:

APPROVAL OF AGENDA:

CONSENT AGENDA

All items listed on the Consent Agenda are considered to be routine and may be approved by one roll call vote of the Board of Directors. There shall be no separate discussion of the matters on the Consent Agenda unless requested by a member of the Board. If discussion is required, that item will be removed from the Consent Agenda and will be considered separately at the end of the Agenda.

Minutes:

1. Regular Meeting of November 14, 2016

Action Items:

2. Sewer Service Charge Appeals - FY 2016/17

END OF CONSENT AGENDA

PUBLIC APPEARANCES/ORAL COMMUNICATIONS:

***“AVAILABILITY OF PUBLIC RECORDS.** All public records relating to an open session item on this agenda, which are not exempt from disclosure pursuant to the California Public Records Act, that are distributed to a majority of the legislative body will be available for public inspection at the City Clerk’s Office, City Hall located at 333 90th Street, Daly City, CA during normal business hours, at the same time that the public records are distributed or made available to the legislative body.”*

NOTE: Speakers are limited to two minutes, unless modified by the Chair. The District cannot take action on any matter raised under this item.

NEW BUSINESS:

3. Acceptance of Secondary Clarifier #1 Coating Project

Staff:

Sweetland

Krauss

Recommended Action:

Adopt Resolution

4. Notice of Completion for Citrus Avenue Sewer Main Improvement Project

Staff:

Sweetland

Yip

Recommended Action:

Adopt Resolution

REPORTS:

5. Board of Directors
6. Staff

ADJOURNMENT:

REGULAR MEETING - BOARD OF DIRECTORS

MINUTES

November 14, 2016

The Board of Directors of the North San Mateo County Sanitation District convened in a Regular Meeting on November 14, 2016, in the City Council Chamber, City Hall, 333 - 90th Street, Daly City, California.

The meeting was called to order by Chairman Sal Torres at 6:48 p.m.

ROLL CALL:

Present: Christensen, Buenaventura, Torres

Absent: Guingona, Canepa

Staff Present: General Manager Patricia Martel, District Counsel Rose Zimmerman, Assistant City Manager Julie Thuy Underwood, Director of Water and Wastewater Resources Patrick Sweetland, Collections & Distribution Manager Tom Piccolotti, Plant & Equipment Maintenance Manager Joshua Cosgrove, Utility Billing Supervisor Anthony Tofiga and Emelyn Ponce as Recording Secretary.

APPROVAL OF AGENDA:

Motion was made, seconded (Buenaventura/Christensen) and unanimously approved.

CONSENT AGENDA:

1. **Minutes of Regular Meeting of October 10, 2016**

Motion was made, seconded (Buenaventura/Christensen) and unanimously carried to adopt the Consent Agenda.

NEW BUSINESS:

2. **Authorization to Purchase Replacement Final Effluent Pump**

Plant & Equipment Maintenance Manager Joshua Cosgrove recommended that the Board award a contract to purchase a replacement 250 HP final effluent pump from Dahl-Beck Electric, in an amount not to exceed \$116,213 and authorize the General Manager to execute the contract. Dahl-Beck Electric is the only authorized Northern California vendor for this type of pumps. Sufficient funds are available from Sanitation Capital Project, Plant Process Improvements as well as Wastewater Operating Capital. The Wastewater Treatment Plant maintains a final effluent pump station that assures a critical hydraulic storage pumpage during wet-weather events. The station consists of six vertical turbine pumps of varying horsepower (HP), four of which have been replaced in the last few years with the two remaining original 250 HP pumps that are almost 40 years old. Purchasing this 250 HP final effluent pump will serve as a back-up to the old, but still functional pump.

Motion was made, seconded (Buenaventura/Christensen) and unanimously carried to adopt the Resolution No. 16-SD-13, "Authorization to Purchase Replacement Final Effluent Pump".

3. **Authorization to Purchase Closed Circuit Inspection Equipment for Sanitation Response Truck**

Manager of Collection and Distribution Tom Piccolotti recommended that the Board award a contract to WECO Industries, Inc. for the purchase of new Closed Circuit Television (CCTV) Inspection Equipment in the amount of \$225,000 and authorize the General Manager to execute the purchase agreement. WECO Industries is the selected vendor due to its prequalification with Houston Galveston Area Group (HGAC) of which the

District is a member. CCTV is a critical operation function in identifying pipe defects throughout the Sanitary and storm collection system. The existing CCTV equipment was purchased in 2008 and has outlived its useful life and it has become difficult to replace worn out or defective parts. After reviewing a number of available models and manufacturers, staff is recommending the purchase of CUES, Closed Circuit Video Inspection Equipment to be installed into the existing Sanitation response truck. CUES is one of the world's leading manufacturer of CCTV Inspection, rehabilitation, pipe profiling equipment and assent inspection/decision support software for sanitary and storm sewers. Sufficient funds are available from the approved Sanitation District Capital Improvement Fund 87-920-834, CCTV Replacement Equipment and Software.

Motion was made, seconded (Christensen/Buenaventura) and unanimously carried to adopt the Resolution No. 16-SD-14, "Authorization to Purchase Closed Circuit Inspection Equipment for Sanitation Response Truck".

REPORTS:

4. **Board of Directors**

None.

5. **Staff**

None.

ADJOURNMENT:

Motion was made, seconded (Christensen/Buenaventura) and unanimously carried to adjourn the Regular Meeting at 6:58 p.m.



North San Mateo County Sanitation District

a subsidiary of the City of Daly City

Meeting Date: November 28, 2016

Subject: SEWER SERVICE CHARGE APPEALS - FISCAL YEARS 2015-16 & 2016-17

Recommended Action

Based on staff review, I recommend that the sewer service charge be revised and based on annual water consumption or average yearly consumption excluding the base period.

Daly City

Bo Quan Jiang

Parcel #002-324-220

Lucila R. Salazar

Parcel #008-065-020

Ernst Dotulong

Parcel #002-213-100

Jaydene Mitchell

Parcel #008-164-290

James Urquhart

Parcel #002-024-020

Wilson Leung

Parcel #006-422-190

Dora Mok

Parcel #008-244-110

Cynthia Fugere

Parcel #103-230-190

Wilfredo Gomez

Parcel #003-021-150

Minerva Barrion

Parcel #003-434-020

Sophia Cuba

Parcel #002-372-190

Gloria Leon

Parcel #004-322-090

Staff is available to provide any additional information desired by the Chair or Board Members.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Anthony Tofiga".

Anthony Tofiga
Utility Billing Supervisor

A handwritten signature in black ink, appearing to read "Lawrence Chiu".

Lawrence Chiu
Director of Finance and
Administrative Services

Attachment: Sewer Service Charge Appeal

cc: District General Manager
City Attorney
Department of Water and Wastewater Resources

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 002-324-220 2016-17
CUSTOMER NAME BO QUAN JIANG
SERVICE ADDRESS 356 SAN DIEGO AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	58
		2 MONTHS PRIOR	17
2 MONTHS AFTER	34	4 MONTHS PRIOR	17
4 MONTHS AFTER	14	6 MONTHS PRIOR	18
		8 MONTHS PRIOR	16
		10 MONTHS PRIOR	13
		ACTUAL ANNUAL USAGE	139
		BASE PERIOD ANNUALIZED	348
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	209
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	150%
		ANNUAL CREDIT IN DOLLARS	\$1,412.84
		(N.S.M.C.S.D. \$6.76 per unit)	

REASON FOR APPEAL

DURING THE BASE PERIOD, MR. JIANG HAD A TOILET LEAK. LATER, WHEN THE LEAK WAS FIXED, THE WATER USAGE RETURNED TO NORMAL.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 008-164-290 2016-17
CUSTOMER NAME JAYDENE MITCHELL
SERVICE ADDRESS 27 HIGHLAND AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	12
		2 MONTHS PRIOR	4
2 MONTHS AFTER	7	4 MONTHS PRIOR	7
4 MONTHS AFTER	8	6 MONTHS PRIOR	7
		8 MONTHS PRIOR	7
		10 MONTHS PRIOR	9
		ACTUAL ANNUAL USAGE	46
		BASE PERIOD ANNUALIZED	72
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	26
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	57%
		ANNUAL CREDIT IN DOLLARS	\$175.76

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MRS. MITCHELL HAD WINDOWS REPLACED.
CLEANUP BY THE CREW CAUSED HIGHER THAN NORMAL USAGE.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 008-244-110 2016-17
CUSTOMER NAME DORA MOK
SERVICE ADDRESS 36 ROCKRIDGE AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	67
		2 MONTHS PRIOR	15
2 MONTHS AFTER	12	4 MONTHS PRIOR	10
4 MONTHS AFTER	7	6 MONTHS PRIOR	14
		8 MONTHS PRIOR	11
		10 MONTHS PRIOR	8
		ACTUAL ANNUAL USAGE	125
		BASE PERIOD ANNUALIZED	402
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	277
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	222%
		ANNUAL CREDIT IN DOLLARS	\$1,872.52

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MRS. MOK HAD A WATER LEAK. WHEN THE LEAK WAS REPAIRED, THE USAGE DROPPED TO NORMAL LEVELS.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 003-434-020 2016-17
CUSTOMER NAME MINERVA BARRION
SERVICE ADDRESS 218 ABBOT AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	81
		2 MONTHS PRIOR	48
2 MONTHS AFTER	48	4 MONTHS PRIOR	51
4 MONTHS AFTER	46	6 MONTHS PRIOR	52
		8 MONTHS PRIOR	46
		10 MONTHS PRIOR	39
		ACTUAL ANNUAL USAGE	317
		BASE PERIOD ANNUALIZED	486
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	169
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	53%
		ANNUAL CREDIT IN DOLLARS	\$1,142.44

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MS. BARRION HAD TWO LEAKING TOILETS.
WHEN THEY WERE REPLACED, THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 008-065-020 2016-17
CUSTOMER NAME LUCILA R. SALAZAR
SERVICE ADDRESS 6 EDMONT DR., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	61
		2 MONTHS PRIOR	24
2 MONTHS AFTER	30	4 MONTHS PRIOR	10
4 MONTHS AFTER	8	6 MONTHS PRIOR	9
		8 MONTHS PRIOR	8
		10 MONTHS PRIOR	4
		ACTUAL ANNUAL USAGE	116
		BASE PERIOD ANNUALIZED	366
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	250
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	216%
		ANNUAL CREDIT IN DOLLARS	\$1,690.00

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MRS. SALAZAR HAD A TOILET LEAK. WHEN IT WAS REPAIRED, THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 002-024-020 2016-17
CUSTOMER NAME JAMES URQUHART
SERVICE ADDRESS 189 WESTDALE AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	27
		2 MONTHS PRIOR	23
2 MONTHS AFTER	31	4 MONTHS PRIOR	13
4 MONTHS AFTER	40	6 MONTHS PRIOR	5
6 MONTHS AFTER	47	8 MONTHS PRIOR	11
8 MONTHS AFTER	21	10 MONTHS PRIOR	12
		ACTUAL ANNUAL USAGE	91
		BASE PERIOD ANNUALIZED	162
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	71
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	78%
		ANNUAL CREDIT IN DOLLARS	\$479.96

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MR. URQUHART HAD A LEAK THAT HAS SINCE BEEN REPAIRED. THE USAGE HAS DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 103-230-190 2016-17
CUSTOMER NAME CYNTHIA FUGERE
SERVICE ADDRESS 1028 SAN LUIS CIR., #634

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	47
		2 MONTHS PRIOR	20
2 MONTHS AFTER	60	4 MONTHS PRIOR	8
4 MONTHS AFTER	4	6 MONTHS PRIOR	2
6 MONTHS AFTER	4	8 MONTHS PRIOR	2
		10 MONTHS PRIOR	6
		ACTUAL ANNUAL USAGE	85
		BASE PERIOD ANNUALIZED	282
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	197
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	232%
		ANNUAL CREDIT IN DOLLARS	\$1,331.72

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MS. FUGERE HAD A RUNNING TOILET. IT WAS
LATER FIXED AND THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 002-372-190 2016-17
CUSTOMER NAME SOPHIA CUBA
SERVICE ADDRESS 320 CITRUS AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	40
		2 MONTHS PRIOR	10
2 MONTHS AFTER	5	4 MONTHS PRIOR	5
4 MONTHS AFTER	5	6 MONTHS PRIOR	6
		8 MONTHS PRIOR	5
		10 MONTHS PRIOR	6
		ACTUAL ANNUAL USAGE	72
		BASE PERIOD ANNUALIZED	240
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	168
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	233%
		ANNUAL CREDIT IN DOLLARS	\$1,135.68

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MRS. CUBA HAD A WATER LEAK. IT WAS REPAIRED AND THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 002-213-100 2016-17
CUSTOMER NAME ERNST DOTULONG
SERVICE ADDRESS 69 FAIRWAY DR., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	41
		2 MONTHS PRIOR	11
2 MONTHS AFTER	17	4 MONTHS PRIOR	11
4 MONTHS AFTER	11	6 MONTHS PRIOR	15
		8 MONTHS PRIOR	11
		10 MONTHS PRIOR	13
		ACTUAL ANNUAL USAGE	102
		BASE PERIOD ANNUALIZED	246
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	144
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	141%
		ANNUAL CREDIT IN DOLLARS	\$973.44

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

MR. & MRS. MITCHELL HAD A TOILET LEAK DURING THE BASE PERIOD.
WHEN THE LEAK WAS REPAIRED, THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 006-422-190 2015-16
CUSTOMER NAME WILSON LEUNG
SERVICE ADDRESS 87 ORANGE CT., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	109
		2 MONTHS PRIOR	16
2 MONTHS AFTER	56	4 MONTHS PRIOR	24
4 MONTHS AFTER	23	6 MONTHS PRIOR	11
		8 MONTHS PRIOR	12
		10 MONTHS PRIOR	10
		ACTUAL ANNUAL USAGE	182
		BASE PERIOD ANNUALIZED	654
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	472
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	259%
		ANNUAL CREDIT IN DOLLARS	\$2,954.72
		(N.S.M.C.S.D. \$6.26 per unit)	

REASON FOR APPEAL

DURING THE BASE PERIOD, MR. LEUNG'S TENANT HAD A LEAK. WHEN THE LEAK WAS FIXED, THE WATER USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 003-021-150 2016-17
CUSTOMER NAME WILFREDO GOMEZ
SERVICE ADDRESS 193 SANTA CRUZ AVE., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	21
		2 MONTHS PRIOR	13
2 MONTHS AFTER	10	4 MONTHS PRIOR	12
4 MONTHS AFTER	14	6 MONTHS PRIOR	10
		8 MONTHS PRIOR	9
		10 MONTHS PRIOR	8
		ACTUAL ANNUAL USAGE	73
		BASE PERIOD ANNUALIZED	126
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	53
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	73%
		ANNUAL CREDIT IN DOLLARS	\$358.28

(N.S.M.C.S.D. \$6.76 per unit)

REASON FOR APPEAL

DURING THE BASE PERIOD, MR. GOMEZ HAD A BURST WATER HOSE IN HIS DISHWASHER, WHICH WAS THEN REPAIRED AND THE USAGE DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

NORTH SAN MATEO COUNTY SANITATION DISTRICT
SEWER SERVICE CHARGE APPEAL
BOARD MEETING DATE 11/28/16

PARCEL NO. 004-322-090 2016-17
CUSTOMER NAME GLORIA LEON
SERVICE ADDRESS 235 FRANKFORT ST., DALY CITY

CREDIT BASED ON ACTUAL ANNUAL USAGE

WATER USAGE:

		BASE PERIOD	11
		2 MONTHS PRIOR	12
2 MONTHS AFTER	6	4 MONTHS PRIOR	6
4 MONTHS AFTER	2	6 MONTHS PRIOR	1
		8 MONTHS PRIOR	6
		10 MONTHS PRIOR	8
		ACTUAL ANNUAL USAGE	44
		BASE PERIOD ANNUALIZED	66
		ANNUAL CREDIT IN UNITS	
		(MUST BE OVER 15 UNITS)	22
		PERCENTAGE CHANGE	
		(MUST BE OVER 10%)	50%
		ANNUAL CREDIT IN DOLLARS	\$148.72
		(N.S.M.C.S.D. \$6.76 per unit)	

REASON FOR APPEAL

DURING THE BASE PERIOD, MS. LEON HAD HIGHER THAN NORMAL USAGE.
THE USAGE LATER DROPPED.

STAFF RECOMMENDATION TO BOARD

GRANT ADJUSTMENT - BASED ON ACTUAL ANNUAL CONSUMPTION.

**North San Mateo County Sanitation District***a subsidiary of the City of Daly City***Meeting Date: November 28, 2016****Subject: Acceptance of Secondary Clarifier #1 Coating Project**Recommended Action

Accept as complete all work performed by Jeffco Painting and Coating Inc. of Vallejo, California in the amount of \$195,236 when applying Endura-Flex 1988 Coating System to the walls of Secondary Clarifier #1.

Background

As part of the Biennial Capital Budget, DWW staff recommended a three year project to annually coat the walls of one of the three secondary clarifiers at the wastewater treatment plant with Endura-Flex 1988 to address concrete spaulding and exposure of structural rebar. Endura-Flex 1988 Coating System has been successfully used at a number of treatment plant locations to include Headworks #1, Gravity Thickener #1, the Final Effluent Sump, and Primary Clarifiers 3, 4, 5 and 6. There are only two Northern California vendors, Redwood Painting and Jeffco, authorized to apply Endura-Flex System 1988. Jeffco submitted the lowest responsible bid in the amount of \$67,836

Discussion

The original contract scope of work was for Jeffco to clean, sandblast and coat a five-foot ring around the perimeter of Secondary Clarifier #1 consisting of four feet above the normal water line and one foot below to address issues of spaulding concrete and exposed rebar. Work commenced in mid-September with Operations staff draining the tank and turning it over to Jeffco, and it was quickly apparent the proposed five foot ring was insufficient as the entire perimeter of the tank was in need of rehabilitation. Jeffco supplied and staff accepted a lump sum quote of \$127,400 to clean, sandblast and coat an additional 3,640 square feet of surface.

Jeffco applied an initial 200 ML coat of Endura-Flex followed by a 50 ML finish top coat. All work has been inspected to the satisfaction of staff, with Secondary Clarifier #1 returned to service on November 4, 2016.

Fiscal Impact

Sufficient funds are available in Sanitation Capital Program Budget 87-920- 857, Secondary Clarifier Coating Project accomplished by a budget transfer of \$125,000 from Sanitation Capital Program 87-920-812, Municipal Regional Permit, as funds are not anticipated to be needed this fiscal year.

Staff is available to answer any questions or to provide additional information to the members of the NSMCSD Board.

Respectfully submitted,



Greg Krauss
Chief of Operations



Patrick Sweetland
Director of Water and Wastewater Resources



North San Mateo County Sanitation District

a subsidiary of the City of Daly City

Meeting Date: November 28, 2016

Subject: Notice of Completion for Citrus Avenue Sewer Main Improvements

Recommended Action

Staff recommends that the Board accept the improvements completed for the Citrus Avenue Sewer Main Improvements project. This project was successfully completed on schedule and within the project budget.

Background

The project was awarded to Precision Engineering Inc. of San Francisco at the April 11, 2016 Board meeting in the amount \$492,182. There are two parallel vitrified clay pipe (VCP) sewer mains on Citrus Avenue, one on the north side and one on the south side of the street. An existing liner previously inserted along the southern sewer main failed and was causing higher than normal routine maintenance. The project scope included the installation of approximately 60 feet of new 8-inch PVC sewer main and 1,200 feet of 10-inch PVC sewer main, and the replacement of approximately 20 feet of existing 8-inch VCP sewer main with 10-inch PVC sewer main in the middle of Citrus Avenue. The existing sewer services on Citrus Avenue from Niantic Avenue to Woodrow Street were transferred to the new main with the previous impacted southern sewer main located within or behind the sidewalk abandoned in place. The sewer services past Woodrow Street to Mission Street remain connected to the existing southern sewer main. Seven new sewer manholes were installed within the project limits while another two manholes were rehabilitated.

The work also included pavement restoration including a standard trench cap over the roadway excavation, asphalt concrete paving, concrete restoration, and pavement striping and marking.

Discussion

Precision Engineering, Inc. of San Francisco, California, has completed all improvements required by the construction contract specifications for a total amount of \$538,298.10, including negotiated change orders totaling \$66,938.10 less a balancing credit to the District of \$20,822.00. The difference of \$46,116.10 (approximately 9.4%) above the original contract was due to the cost of relocating a section of an existing 16" water main found to be in conflict with the new sewer main alignment, and the reinstallation of a portion of sewer main at Niantic Avenue to address actual field conditions.

Fiscal Impact

The contract was completed in the total amount of \$538,298.10 with funds available from Sanitation Fund Capital Project Accounts 87-920-824 and 87-920-832.

Summary/Conclusion

The contractor's work is now complete and acceptable for City maintenance. Staff recommends that the Board accept the completed improvements.

Staff is available to answer any questions of the Chair or Members of the Board of Directors.

Respectfully submitted,



Roland Yip
Civil Engineering Associate



Patrick Sweetland
Director of Water and Wastewater Resources

Attachment: Project Location Map

CITY OF DALY CITY
SAN MATEO COUNTY, CALIFORNIA

PROJECT LOCATION MAP
CITRUS AVENUE SEWER MAIN IMPROVEMENTS

