

Sherry Garrison, Council Position 1
TJ Haight, Council Position 2
Tommy Ginn, Council Position 3



Bill Patterson, Council Position 4
Ron Martin, Council Position 5
Rae A. Sinor, Council Position 6

James Stokes, City Manager
Gary Jackson, Assistant City Manager

Jerry Mouton Jr., Mayor

Shannon Bennett, TRMC, City Secretary
Jim Fox, City Attorney

CALL TO ORDER

COMMENTS FROM AUDIENCE

1. Annual update on activities of the South East Texas Housing Finance Corporation and the Deer Park Housing Market from Troy Cothran. [RPT 20-011](#)
Recommended Action: Discussion Only in Workshop
Department: City Council
Attachments: [SETH-FC 2019 Report](#)
2. Presentation of the summary report of the annual Comparative Analysis for Bias Base/Racial Profiling. [PRE 20-004](#)
Recommended Action: Approval for submission to TCOLE.
Attachments: [Asset Forfeiture 2019 Council](#)
[Annual Comparative Analysis-Bias Base-Racial Profiling - 02032020](#)
3. Presentation on the Christmas Holiday Decoration Project. [PRE 20-005](#)
Recommended Action: For discussion only
Attachments: [Christmas Lights 2019](#)
4. Discussion of issues relating to the purchase of an Electronic Marquee Signs from Daktronics to be purchased under Buy board Contract #592-19 for the New EMS/FS3. [DIS 20-020](#)
Recommended Action: Discussion only during this Workshop and a purchase request in tonight's regular Council meeting.
Department: Information Technology Services and Parks & Recreation
Attachments: [Deer Park Fire Station-Customer Quote-642750-4-1](#)
[20200210163151147](#)
[Budget Worksheet](#)
[31109-00 C Fire Station No. 3 - 2211 East X St. - Deer Park, TX - Pylon - Mult](#)

The Mission of the City of Deer Park is to deliver exemplary municipal services that provide the community a high quality of life consistent with our history, culture and unique character.

5. Discussion of issues relating to the Surface Water Treatment Plant
Disinfection Alternative Evaluation.

[DIS 20-021](#)

Recommended Action: Discussion only at this time.

Department: Public Works

Attachments: [DP Disinfection Alternative Evaluation Council Meeting 2.18.20](#)

ADJOURN

Shannon Bennett, TRMC
City Secretary

Posted on Bulletin Board
February 14, 2020

City Hall is wheelchair accessible and accessible parking spaces are available. Hearing assistance devices are available. Requests for accommodation services must be made 72 hours prior to any meeting. Please contact the City Secretary office at 281-478-7248 for further information.

The Mission of the City of Deer Park is to deliver exemplary municipal services that provide the community a high quality of life consistent with our history, culture and unique character.



Legislation Details (With Text)

File #:	RPT 20-011	Version:	1	Name:	
Type:	Report	Status:		Agenda Ready	
File created:	2/3/2020	In control:		City Council Workshop	
On agenda:	2/18/2020	Final action:			
Title:	Annual update on activities of the South East Texas Housing Finance Corporation and the Deer Park Housing Market from Troy Cothran.				
Sponsors:	City Council				
Indexes:					
Code sections:					
Attachments:	SETH-FC 2019 Report				

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council Workshop		

Annual update on activities of the South East Texas Housing Finance Corporation and the Deer Park Housing Market from Troy Cothran.

Summary:

The South East Texas Housing Finance Corporation (SETH) exists to assist individuals in purchasing homes, senior housing and workforce housing. The Corporation offers home buyer education classes, grants to assist with down payment and closing costs, mortgage credit assistance programs, etc. SETH is governed by a Board of Directors comprised of appointees from municipalities and counties throughout South East Texas, including Deer Park.

For many years, Mr. Troy Cothran has been the City of Deer Park's representative to the SETH Board of Directors. He currently serves as President & Chairman of the Board after being re-appointed to this position by the Deer Park City Council in March 2018. Mr. Cothran attends City Council meetings annually to provide an update on the activities of SETH and the housing market in Deer Park. A copy of the 2019 SETH Annual Report is attached.

Also, Mr. Cothran just wrapped up serving the Houston Association of Realtors (HAR) as a Director for the Southeast Area. Now he is serving as a Regional VP for Texas Realtors (TR) representing the entire Houston Metro Area.

Fiscal/Budgetary Impact:

N/A

Discussion Only in Workshop



SOUTHEAST TEXAS HOUSING FINANCE CORPORATION

TO: Mayor Jerry Mouton, Jr.
City Council Members
City of Deer Park

FROM: Troy Cothran, Director/President
The Southeast Texas Housing Finance Corporation (SETH)

DATE: February 18, 2020

RE: SETH Activities Report

I would like to update the Mayor and City Council on the activities of The Southeast Texas Housing Finance Corporation.

SINGLE FAMILY HOMEOWNERSHIP PROGRAMS:

TOTAL Deer Park Homebuyers Assisted: 122 (10/15/12—12/31/19)

Down Payment & Closing Costs Assistance Provided: \$881,339

TOTAL Mortgage Funds Provided: \$18,285,000

Average Assistance per Household: \$7224.00

Average Sales Price: \$150,000

Because of Market Conditions, SETH has implemented several new homeownership programs that use a Grant or a 3, 7, & 10 year Second Lien that is forgiven over time if the homeowner remains in their home during the time limit. It also assist SETH in providing low Mortgage Rates.

SETH's Mortgage Credit Certificate (MCC) Program has been FREE since 1/1/19 to all eligible first-time homebuyers. The MCC allows the homeowner a direct tax credit up to \$2000 per year in the amount of mortgage interest. The MCC is allowable as long as the homeowner remains in the house.

All homebuyers that participate in any of SETH's single family programs are required to complete SETH's Homebuyers Education Course. In CY 2019, the total individuals educated were 7510. SETH is proud to be the first housing agency in the Country to require homebuyer's education since 1998!

SETH organized and trained over 4700 Lenders and Realtors in 2019 pertaining to our Single Family Programs Guidelines.

MULTIFAMILY PROGRAMS:

SETH continues to increase its Multifamily Portfolio. Currently, SETH is in the ownership structure of the following Communities:

- Gateway at Lake Jackson—Lake Jackson—160 units—Family
- Sweetwater—Wharton—56 units—Family
- Heritage Crossing—Santa Fe—72 units—Senior
- Birdsong Place Villas—Baytown—96 units—Senior
- Stonegate—Alvin—160 units—Family

SETH will have a groundbreaking early this Summer for a 119-unit Senior development in Bay City named Monarch at Bay Prairie. It will be 65% affordable and 35% market units.

SETH also purchased property in Sealy last year and will begin the development of an approximately 100-unit Senior development within the next 18 months.

Deer Park has a census track that has been designated as a Federal Opportunity Zone (OZ). SETH implemented a new multifamily program that provides incentives to developers to build affordable housing within any OZ in our jurisdictions. More information can be obtained at www.sethfc.com/multifamily.

SETH continues to monitor compliance on 9 multifamily developments that were financed with tax-exempt bonds. The total amount of bonds issued were over \$110 Million.

HOMEBUYER ASSISTANCE PROGRAMS IN YOUR COMMUNITY



Program provides Down Payment and Closing Costs Assistance. Government Loan Types include FHA, VA, USDA and are a Community 2nd and forgiven in 3 years. Grants provided with Conventional Options.



www.sethgoldstar.com

Program provides Larger Amounts of Down Payment and Closing Costs Assistance in the form of a Community Second. Buyers can choose between Forgiveness Terms of 7 or 10 Years.

No First Time Homebuyer Requirement

Max Sales Price \$331,200 for FHA/ \$484,350 USDA, VA, Conv.

Qualify for a Mortgage Loan with a Participating Lender

Borrower must not exceed the following income limits for Deer Park: \$107,940

SETH Homebuyer Education Course is Required and Free for Lower Income Limits

No Repayment of DPA after Community Second Forgiveness Terms



SETH HomeCredit

Mortgage Credit Certificate (MCC) Program

Our MCC Program provides eligible First Time Homebuyers a Federal Tax Credit. Can be combined with SETH 5 Star or SETH GoldStar. Must owner occupy for 9 years to avoid potential Federal Recapture Tax.

**EACH YEAR OUR HOMEBUYERS
CLAIM
40%
OF THEIR
TOTAL
MORTGAGE
INTEREST
AS A FEDERAL TAX CREDIT
UP TO A \$
MAXIMUM 2,000**

Example: Loan Amount...\$150,000 Interest Rate..4.5%

The buyer will have paid approximately \$6,750 in interest that year

Tax credit provided by our MCC Program: 40%

$\$6,750 \times 40\% = \$2,700$

MCC Savings for Homeowner.....\$2,000

Program Income Limits	1-2 Family Members	3 or More
Deer Park, TX	\$76,300	\$87,745



11111 S Sam Houston Parkway East Houston, TX 77089 www.sethfc.com 281.484.4663





Legislation Details (With Text)

File #:	PRE 20-004	Version:	1	Name:	
Type:	Presentation	Status:		Agenda Ready	
File created:	1/31/2020	In control:		City Council Workshop	
On agenda:	2/18/2020	Final action:			
Title:	Presentation of the summary report of the annual Comparative Analysis for Bias Base/Racial Profiling.				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	Asset Forfeiture 2019 Council Annual Comparative Analysis-Bias Base-Racial Profiling - 02032020				

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council Workshop		

Presentation of the summary report of the annual Comparative Analysis for Bias Base/Racial Profiling.

State law and the Deer Park Police Department General Orders 1.2.14 G. 4 and 1.2.14 G. 5 require this data to be collected and analyzed to determine if any racial profiling or other form of bias-based policing exists in the Deer Park Police Department. The findings then must be submitted to the Texas Commission on Law Enforcement (TCOLE) database via their website by March 1, 2020. During calendar year 2019, the Deer Park Police Department received two complaints of racial profiling. One was Unfounded, and the complainant refused to give a sworn statement in the second one. It was carried as an Administrative Inquiry. In the attachments you will find a summary of practices including any citizen concerns (of which there were none) with the supporting data for examination of the disposition of stops, including searches resulting from the stops. Also included is a copy of the report required to be entered into the Texas Commission on Law Enforcement (TCOLE) database via their website and the "Asset Seizure and Forfeit Review" memorandum from Captain Wade Conner that is included for this analysis. The Deer Park Police Department has complied with all the requirements of the Texas Racial Profiling Law including officer training and distribution of information to the public on the complaint process. At present, there is no indication that racial profiling is occurring in the department. In 2019, there were no internal affairs investigations or disciplinary actions taken towards an officer related to bias based policing. There was one complaint of racial profiling in which the complainant refused to provide a written statement. This complaint was handled as an administrative inquiry and was unfounded. A review of the current Deer Park Police Department General Order 1.2.14 regarding Bias Base /Racial Profiling was conducted while compiling this report, and there is no indication of a need for any changes to these policies and procedures at this time.

Summary:

Presentation of the summary report of the annual Comparative Analysis for Bias Base/Racial Profiling. This is necessary to satisfy state law by entering this data into the Texas Commission on Law Enforcement (TCOLE) data base via their website.

Fiscal/Budgetary Impact:

None

Approval for submission to TCOLE.

MEMORANDUM

To: Chief G. Grigg *Aleg Grigg, 1-13-20*
From: Captain Wade Conner *W. Conner*
Date: 01/07/2020
Subject: Asset Seizure and Forfeiture Review (2019) CALEA 1.2.9d

During 2018/19 fiscal year, the Department made sixteen seizures, as follows:

- Deer Park Police Case #19-00514 – amount seized, \$2064
Awarded by court \$1445.52 on 08/14/19. Seizure was a result of arrest of Carlos Escalante and Juan Bautista for possession of THC wax.
- Deer Park Police Case #19-00570- amount seized, \$1984
Awarded by court \$1389.57 on 09/05/19. Seizure was a result of arrest of Lamar Carroll, Terrence Kelly, and Ninfa Rivas for miscellaneous traffic and Possession of a Control Substance.
- Deer Park Police Case #19-00134- amount seized, \$1753.57. Seizure was a result of charging Rupal Sanghui with Keeping a Gambling Place and Possession of Gambling Device.
- Deer Park Police Case #19-00142- amount seized, \$15,372.60. Seizure was the result of charges being filed on Bosco Pereira for Possession of Gambling Device.
- Deer Park Police Case #19-01209- amount seized, \$1120
Awarded by court \$784.41 on 10/17/19. Seizure was result of arrest of Donja Trainor and Kevin Cain for possession of methamphetamine.
- Deer Park Police Case #19-01319- amount seized, \$2319. Seizure was result of a shoplifting arrest of Daniel Gutierrez and Jonathon Luna. During the arrest marijuana was also found on one of the suspects as well as a large amount of cash.
- Deer Park Police Case #19-02787- amount seized, \$838. Seizure was a result of charges being filed on Shahil Maknoja for Possession of Gambling Device.

- Deer Park Police Case #19-02372- amount seized, \$5657.05. Seizure was a result of charges being filed on Sadiq Maredia for Possession of Gambling Device.
- Deer Park Police Case #19-02368 Filed with DA 08/09/19 \$6185. Seizure was a result of charges being filed on Nizarali Maredia for Possession of Gambling Device.
- Deer Park Police Case #19-02790 amount seized, \$1715.
Awarded by court \$885.84 on 12/4/19. Seizure was a result of arrest of Dante Cotto for Possession of Drug Paraphernalia.
- Deer Park Police Case #19-3012- amount seized, \$1025. Seizure was a result of arrest of Christopher Gonzales for Reckless Driving. THC gummies were also found in the vehicle for distribution.
- Deer Park Police Case #19-3717- amount seized, \$3280. Seizure was a result of arrest of Jerri McKee, Curtis Graham and Brent Guidry for Possession of a Controlled Substance with intent to deliver.
- Deer Park Police Case #19-0440- amount seized, \$17,261. Seizure was a result of arrest of Syed Maknejia for Possession of Gambling Device.
- Deer Park Police Case #19-00439- amount seized, \$1501.
Awarded by court \$1051.32 on 11/11/19. Seizure was a result of charges being filed on Ryan Gutierrez for Possession of Gambling Device.
- Deer Park Police Case #19-03384- amount seized, \$1342. Seizure was result of arrest of Jorge Figueroa, Ricky Benavides and Matthew Mendoza for Possession of Controlled Substance.
- Deer Park Police Case# 19-04552- amount seized, \$2094. Seizure was a result of arrest of Guadalupe Benavides for traffic offenses and marijuana possession.

The forfeited funds originated from cases that were filed and documented in 2018.

- Deer Park Case #18- 01705- amount seized \$12,680. Awarded by court \$8880.67 on 11/09/18. Seizure was a result of arrest of Micah Galban for Possession of Controlled Substance.
- Deer Park Case# 18-00589 – amount seized \$1589. Awarded by court \$1113.17 on 12/05/18. Seizure was a result arrest of James Wailson and Paul Martinez for No

Driver's License and HCSO warrants. They were also found to be in possession of marijuana packaged for delivery.

- Deer Park Case# 18-01776 – amount seized \$3300.10. Awarded by court \$2311.72 on 03/04/19. Seizure was a result arrest of Sabrina Ryan for Possession of Controlled Substance.
- Deer Park Case# 18-03015 – amount seized \$1026. Awarded by court \$718.62 on 03/04/19. Seizure was a result an arrest of Eduardo Munoz-Sifuentes for Possession of a Controlled Substance.
- Deer Park Case# 18-02271 – amount seized \$3361. Awarded by court \$2354.79 on 05/08/19. Seizure was a result arrest of Abraham Arrona for Possession of Marijuana.
- Deer Park Case# 18-00861 – amount seized \$2430. Awarded by court \$1353.18 on 06/27/19. Seizure was a result arrest of Cody Brown for Possession of Marijuana.

25 individuals were arrested or charged in the 16, 2019 seizures. Of the defendants in the seizures listed, 11 were Hispanic males, two are white females, two were black males, three were white males, one is a black female, one is Asian female and five are Asian males. After review of the case reports associated and the circumstances surrounding these seizures there is no indication of bias-based profiling during 2019.

Interoffice Memo

To: Gregory L. Grigg, Chief of Police *Greg Grigg 2-6-20*

Via: *St. Martin*
Sharon W. ~~Massey~~, Assistant Chief of Police *St. Martin*
Wade A. Conner, Captain *Wade Conner*

From: John C. Yettevich, Lieutenant *John Yettevich*

Date: 2/3/20

Subject: Annual Comparative Analysis for Bias Base /Racial Profiling (General Orders 1.2.14 G. 4 and 1.2.14 G. 5)

Chief Grigg,

Below is the information for the comparative analysis of the data collected for traffic stops, traffic citations issued, traffic stop arrests, asset forfeiture, and seizures. State law and the Deer Park Police Department General Orders 1.2.14 G. 4 and 1.2.14 G. 5 require this data to be collected and analyzed to determine if any racial profiling or other form of bias-based policing exists in the Deer Park Police Department. The findings then must be submitted to the Texas Commission on Law Enforcement (TCOLE) database via their website by March 1, 2020.

During calendar year 2019, the Deer Park Police Department received two complaints of racial profiling. One of the complaints was determined to be unfounded. On the second one the complainant refused to file a formal complaint thus the case was closed and was carried as an Administrative Inquiry.

Below you will find (1) a summary of practices including citizen concerns; (2) the data for examination of the disposition of stops, including searches resulting from the stops; (3) the report required to be entered into the Texas Commission on Law Enforcement (TCOLE) database via their website; and (4) the "Asset Seizure and Forfeit Review" memorandum from Captain W. A. Conner that is the source for this analysis.

Summary of Practices

In conjunction with the efforts mentioned below, the Police Department holds numerous community meetings throughout the year to address issues and concerns as part of our Community Oriented Policing philosophy. This is a testament of the training and the quality of officers that the Deer Park Police Department is hiring.

Since January 1, 2002, the Deer Park Police Department, in accordance with the Texas Racial Profiling Law (SB 1074), has been collecting police contact data. SB 1074 required the collection of a violator's race and whether a search was conducted and, if so, whether the person detained consented to the search on all traffic stops in which a citation was issued or an arrest made. Subsequently, House Bill 3389 of the 81st Legislature of the State of Texas requires the reporting of racial profiling data for the previous calendar year to TCOLE by March 1 of each year. The Deer Park Police Department General Order 1.2.14 prohibits all bias based policing. This General Order has been reviewed and complies with state law and current best practices. Racial Profiling is a law enforcement-initiated action based on an individual's race, ethnicity, or national origin rather than on the individual's behavior or on information identifying the individual as having engaged in criminal activity.

Article 2.133 of the Code of Criminal Procedure requires certain information be recorded each time a Police Officer stops a motor vehicle for an alleged violation of a law or ordinance regulating traffic or who stops a pedestrian for any suspected offense, unless the contact is recorded by mobile recording equipment. The Violator/Suspect Contact form (PD-69) has been developed for use by officers to record traffic and pedestrian stops made in absence of functional mobile recording equipment. The Violator/Suspect Contact form (PD-69) will be used anytime mobile video recording equipment is inoperable or unavailable.

The Deer Park Police Department has complied with all the requirements of the Texas Racial Profiling Law including officer training and distribution of information to the public on the complaint process. The Deer Park Police Department acquired in-car video equipment in June of 2003, which has been used consistently for the collection of data on all vehicular and pedestrian stops, and is constantly upgrading its technology to stay current with the times. The current system allows greater storage capacity and ready access to any supervisor's desk top computer for constant and immediate reviews of traffic stops. Finally, the Deer Park Police Department traffic citations and arrest reports comply with state mandates that require the proper information to be collected to capture data regarding racial profiling issues.

To ensure compliance with General Order 1.2.14, Deer Park Patrol Sergeants are required to review random samples of at least two traffic / pedestrian stops per assigned officer "on a monthly" basis to ensure policies are being followed. An email of that review with a memorandum attached is forwarded to the Community Services Lieutenant detailing the review and whether or not the department's policies are being complied with. Any violations of the department's policies shall be reported immediately to the Division's Commander via Interoffice Memorandum. At present, there is no indication racial profiling is occurring in the department. In 2019, there was no internal affairs investigation, which resulted in disciplinary action(s) taken towards an officer related to bias based policing.

A review of the current Deer Park Police Department General Order 1.2.14 regarding Bias Base /Racial Profiling was conducted while compiling this report, and there is no indication of a need for any changes to these policies and procedures at this time.

The following data provides a statistical summary for year 2019 that affirms that the Deer Park Police Department has not experienced any problems regarding racial profiling practices.

Again, this is supported by the fact that of the thousands of public contacts during the year 2019, the Deer Park Police Department only received two complaints from community members regarding officers' misconduct associated with racial profiling practices.

Disposition of stops, including searches resulting from the stops:

Deer Park Police Department - Racial Profiling Information

Total stops: 33,448

1. Gender

CCP 2.133(b) (1) (a)

1.1 Female: 11,851

1.2 Male: 21,597

2. Race or ethnicity

CCP 2.132(a)(3), 2.132(b)(6)(A), 2.133(b)(1)(B)

2.1 Black: 3,926

2.2 Asian/Pacific Islander: 559

2.3 White: 21,657

2.4 Hispanic/Latino: 7,230

2.5 Alaska Native/American Indian: 76

Census data estimates, as of July 2019, for Deer Park, Texas → **Total Population is 33,931**

	Number of Stops	Percentage of Total Population based on Census data	Total Population Equivalent from % based on Census data	# of Stops v. Total Population based on Census data
2.1 Black	3,926	1.7%	577	11.57%
2.2 Asian/Pacific Islander	559	1.8%	610	1.65%
2.3 White	21,657	59.1%	20,053	64%
2.4 Hispanic/Latino	7,230	36.3%	12,317	21%
2.5 Alaska Native/American Indian	76	1.7%	577	0.22%

2.1 Black

Total Citations on State Highway 225: 627 minus 78 Warning Citations = **549 Total**

Total Citations on Center St.: 262 minus 50 Warning Citations = **212 Total**

Total Citations on East Blvd.: 151 minus 17 Warning Citations = **134 Total**

16% of total stops that resulted in an issued citation on 2.1 Black were on S.H. 225
 7% of total stops that resulted in an issued citation on 2.1 Black were on Center St.
 4% of total stops that resulted in an issued citation on 2.1 Black were on East Blvd.

2.3 White

Total Citations on State Highway 225: 1,585 minus 175 Warning Citations = 1,410 Total

Total Citations on Center St.: 1,126 minus 299 Warning Citations = 827 Total

Total Citations on East Blvd.: 748 minus 80 Warning Citations = 668 Total

7% of total stops that resulted in an issued citation on 2.3 White were on S.H. 225

5% of total stops that resulted in an issued citation on 2.3 White were on Center St.

3% of total stops that resulted in an issued citation on 2.3 White were on East Blvd.

3. Was race or ethnicity known prior to stop?

CCP 2.132(b)(6)(C)

3.1 Yes: 468

3.2 No: 32,980

4. Reason for stop?

CCP 2.132(b)(6)(F), 2.133(b)(2)

4.1 Violation of law: 5,560

4.2 Preexisting knowledge: 347

4.3 Moving traffic violation: 17,404

4.4 Vehicle traffic violation: 10,137

5. Street address or approximate location of the stop

CCP 2.132(b)(6)(E), 2.133(b)(7)

5.1 City Street: 30,159

5.2 US highway: 325

5.3 County road: 5

5.4 State highway: 2,901

5.5 Private property or other: 58

6. Was a search conducted?

CCP 2.132(b)(6)(B), 2.133(b)(3)

6.1 Yes: 1,833

6.2 No: 31,615

7. Reason for Search?

7.1 Consent: 411	CCP 2.132(b)(6)(B), 2.133(b)(3)
7.2 Contraband in plain view: 29	CCP 2.133(b)(5)(A)
7.3 Probable cause: 477	CCP 2.133(b)(5)(B)
7.4 Inventory: 238	CCP 2.133(b)(5)(C)
7.5 Incident to arrest: 678	CCP 2.133(b)(5)(C)

8. Was Contraband discovered?

CCP 2.133(b)(4)

8.1 Yes: 914

8.2 No: 919

9. Description of contraband

CCP 2.133(b)(4)

9.1 Drugs: 413

9.2 Currency: 2

9.3 Weapons: 42

9.4 Alcohol: 73

9.5 Stolen property: 9

9.6 Other: 375

10. Result of the stop

10.1 Verbal warning: 18,810 CCP 2.133(b)(8)

10.2 Written warning: 2,396 CCP 2.133(b)(8)

10.3 Citation: 10,970 CCP 2.133(b)(8)

10.4 Written warning and arrest: 7

10.5 Citation and arrest: 137

10.6 Arrest: 1,128 CCP 2.133(b)(6)

Arrest Total = 1,272

11. Arrest based on

CCP 2.133(b)(6)

11.1 Violation of Penal Code: 585

11.2 Violation of Traffic Law: 198

11.3 Violation of City Ordinance: 1

11.4 Outstanding Warrant: 488

12. Was physical force resulting in bodily injury used during stop?

CCP 2.132(b)(6)(D), 2.133(b)(9)

12.1 Yes: 9

12.2 No: 33,439

Information to be submitted to TCOLE in the form of a FULL RACIAL PROFILING REPORT:

Agency Name: DEER PARK POLICE DEPT.

Reporting Date: 2/3/20

TCOLE Agency Number: 201204

Chief Administrator: GREGORY L. GRIGG

Agency Contact Information: Phone: 281-479-1511
Email: jyettevich@deerparktx.org
Mailing Address:

DEER PARK POLICE DEPT.
2911 Center Street
Deer Park, TX 77536

This Agency is filing a full racial profiling report. Our vehicles that conduct motor vehicle stops are equipped with video and audio equipment and we maintain videos for 90 days.

By submitting, the chief administrator affirms that the agency has a policy in place in accordance with:

Texas Code of Criminal Procedure §2.132 and that the policy:

- (1) Clearly defines acts constituting racial profiling;
- (2) Strictly prohibits peace officers employed by the agency from engaging in racial profiling;
- (3) Implements a process by which an individual may file a complaint with the agency if the individual believes that a peace officer employed by the agency has engaged in racial profiling with respect to the individual;
- (4) Provides public education relating to the agency's compliment and complaint process, including providing the telephone number, mailing address, and email address to make a compliment or complaint with respect to each ticket, citation, or warning issued by a peace officer;

- (5) Requires appropriate corrective action to be taken against a peace officer employed by the agency who, after an investigation, is shown to have engaged in racial profiling in violation of the agency's policy adopted under this article;
- (6) Requires collection of information relating to motor vehicle stops in which a ticket, citation, or warning is issued and to arrests made as a result of those stops, including information relating to:
- (A) the race or ethnicity of the individual detained;
 - (B) whether a search was conducted and, if so, whether the individual detained consented to the search;
 - (C) whether the peace officer knew the race or ethnicity of the individual detained before detaining that individual; and
 - (D) whether the peace officer used physical force that resulted in bodily injury, as that term is defined by Section 1.07, Penal Code, during the stop;
 - (E) the location of the stop; and
 - (F) the reason for the stop; and
- (7) Requires the chief administrator of the agency, regardless of whether the administrator is elected, employed, or appointed, to submit an annual report of the information collected under Subdivision (6) to:
- (A) the Texas Commission on Law Enforcement; and
 - (B) the governing body of each county or municipality served by the agency, if the agency is an agency of a county, municipality, or other political subdivision of the state.

I certify these policies are in effect.

Executed by: **GREGORY L. GRIGG**
Chief Administrator

DEER PARK POLICE DEPT.

Date: _____



Legislation Details (With Text)

File #: PRE 20-005 **Version:** 1 **Name:**
Type: Presentation **Status:** Agenda Ready
File created: 2/12/2020 **In control:** City Council Workshop
On agenda: 2/18/2020 **Final action:**
Title: Presentation on the Christmas Holiday Decoration Project.
Sponsors:
Indexes:
Code sections:
Attachments: [Christmas Lights 2019](#)

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council Workshop		

Presentation on the Christmas Holiday Decoration Project.

Summary:

Over the past several years, the City of Deer Park has allocated a variety of resources to enhance the holiday spirit around the City of Deer Park. This year the City of Deer Park added an additional Christmas tree in front of City Hall, Santa riding a reindeer, and several lighted structures at various City facilities. Park Operations crews begin in September putting out these decorations. The following presentation shows the level of commitment to bringing holiday cheer to the City of Deer Park. Please see the attached presentation.

Fiscal/Budgetary Impact:

None at this time

For discussion only



Deer Park Christmas Lights 2020



City Hall

City Hall





Maxwell Center



Patrick's Cabin





Theater Courts



Theater Courts



Deer Park Police Department



Community center





Center Street



Jimmy Burke Center



Christmas decoration stats:

- Tree Wrapping 645 hours, 13 days
- Rest of installation 696 hours, 22 days
- Take down 582 hours, 12 days
- Total Staff Hours = 1,923



Legislation Details (With Text)

File #: DIS 20-020 **Version:** 1 **Name:**

Type: Discussion **Status:** Agenda Ready

File created: 2/7/2020 **In control:** City Council Workshop

On agenda: 2/18/2020 **Final action:**

Title: Discussion of issues relating to the purchase of an Electronic Marquee Signs from Daktronics to be purchased under Buy board Contract #592-19 for the New EMS/FS3.

Sponsors: Information Technology Services, Parks & Recreation

Indexes: Comprehensive Planning, Public Safety, Quality of Life/Image

Code sections:

Attachments: [Deer Park Fire Station-Customer Quote-642750-4-1](#)
[20200210163151147](#)
[Budget Worksheet](#)
[31109 -00 C Fire Station No. 3 - 2211 East X St. – Deer Park, TX - Pylon - Multi-Name LED](#)

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council Workshop		

Discussion of issues relating to the purchase of an Electronic Marquee Signs from Daktronics to be purchased under Buy board Contract #592-19 for the New EMS/FS3.

Summary:

The adopted FY 2019-2020 Budget includes funding for an electronic marquee signs to be placed at the New EMS/FS3.

Staff would like to move forward with this purchase.

In tonight's regular Council meeting, the following sign is being proposed for purchase:

Quote #642750-4-1 Electronic Message Center for New EMS/FS3 location for a total cost of \$93,150.00 with a contingency of \$2000.00 for any additional electric/technical work that may be required for a total cost of \$95,510.00. This sign was budgeted in FY 2019-20 under Capital Improvements Fund# 090-310-49030 in the amount of \$75,000.00. The additional \$18,150.00 will be funded from Capital Improvements Fund#090-312-49020 (EMS building - city's portion) which has a current balance of \$196,613.25.

With the exception of connectivity and size, the sign is the same as the recently purchased electronic marquee signs located at the Community Center, Library, Courts/Theater and Golf Course. National Signs who was the primary contractor on the original four (4) signs will serve as a sub-contractor to Daktronics for the purchase of this additional sign.

Because of its critical location, the New EMS/FS3 electronic marquee sign will have the recommended larger video board with higher resolution for messages and altering. This is the

increased cost over the other signs.

This sign will also be software compatible with the previously purchased signs and will allow staff to continue to operate the emergency warning system from a single console.

Fiscal/Budgetary Impact:

The New EMS/FS3 electronic marquee is budgeted in FY 2019-20 under Capital Improvements Fund# 090-310-49030 in the amount of \$75,000.00. The additional \$18,150.00 will be funded from Capital Improvements Fund#090-312-49020 (EMS building - city's portion) which has a current balance of \$196,613.25.

Discussion only during this Workshop and a purchase request in tonight's regular Council meeting.

DAKTRONICS QUOTE # 642750-4-1

City of Deer Park

710 E San Augustine St
Deer Park, TX USA 77536

Phone:

Fax:

Email:

10/Feb/2020

Quote valid for: 120 days

Terms: 50% with the order, 50% Net 30
days from shipment

Subject to Credit Review

FCA: DESTINATION

Delivery: Call for Production Time

Reference: Deer Park Fire Station - BuyBoard Contract #592-19

Item No.	Model	Description	Qty	Price
1	GT6x-108X216-10-RGB-2V	Galaxy® Outdoor Electronic Message Center - GT6x Series - 10mm RGB; 2V Interconnect Cable Length Is 20 Feet Matrix: 108 lines by 216 columns Line Spacing: 10mm LED Color: RGB- 281 Trillion Colors Face Configuration: 2V - two one sided displays - same content View Angle: 140 degrees Horizontal x 70 degrees Vertical Cabinet Dimensions: 4' 2" H X 7' 6" W X 0' 7" D (Approx. Dimensions) Max Power: 1895 watts/display Weight: Unpackaged 275 lbs per display; Packaged 380 lbs per display	1	\$93,150.00
	Daktronics Verizon Modem, 4G, Ethernet	Daktronics Verizon 4G Cellular Modem Only - Requires Daktronics Verizon Cellular Data Plan	1	
	System Startup	Final Commissioning of Equipment	1	
	Bonds		1	
	FREIGHT	Shipping to site via LTL (enclosed trailer). Usually unloads at a dock, forklift or pallet jack may be required.	1	
	Physical Installation	See attachment A.	1	
Services				
2	G5C5-W	Five Year Warranty - Parts Coverage - G5G5	1	
	Venus® Control Suite -Prime Playlist Web Seminar - Single User	Customized Venus® training in a live, web-based, conference call format using the customer's phone & computer. (English only.)	1	
	Venus® Control Suite - Prime Playlist Package, Cloud Based	Secure, web-based software that enables display management anytime, anywhere via internet connection. ADMINISTRATORS OF ACCOUNT REQUIRED AT TIME OF ORDER. Terms of Use: http://www.daktronics.com/TermsConditions/DD2688225	1	
	Daktronics Verizon Lifetime 4G Cellular Data Plan for VCS, Up to 100,000 Pixels	Daktronics Verizon Lifetime 4G Cellular Data Plan Per Modem, for Venus Control Suite on Displays Up to 100,000 pixels. Excludes streaming data feeds and diagnostics.	1	

Total Price Excluding Applicable Tax:	\$93,150.00
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Please reference listed sales literature: DD1628383 for G5C5-W, DD2688225 for Venus® Control Suite - Prime Playlist Package, Cloud Based, DD3512730 for Daktronics Verizon Modem, 4G, Ethernet, DD4008961 for GT6x-108X216-10-RGB-2V

Options

Please contact your sales representative for additional information

GT6x RGB 10mm Spare Parts - Two Module Package	Includes Two (2) Modules and Sata Cables	1	\$1,800.00
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DAKTRONICS QUOTE # 642750-4-1

Leasing Program

If your purchase exceeds \$25,000, you may qualify for our leasing program allowing you more flexibility to spread out the cost of your Daktronics display over of a period up to five (5) years. Benefits of our leasing program include fixed rate financing, non-appropriation clause, no prepayment penalty, and customizable payment schedules. Plus, at the end of the lease, the equipment is yours to keep with no additional balloon payments.

Sample payment options as follows:

\$50,000 in total equipment cost = \$10,700 per year

\$100,000 in total equipment cost = \$21,199 per year

\$250,000 in total equipment cost = \$52,899 per year

Payments based on 5 year/annual payment in advance structure. **Leasing is subject to credit approval and agreed upon documentation with Daktronics lending partner. Contact your Daktronics representative for additional options and details.

Exclusions:

- | | |
|--|------------------------------|
| - Power | - Hoist |
| - Engineering Certification | - Labor to Pull Signal Cable |
| - Applicable Permits | - Taxes |
| - Electrical Switch Gear or Distribution Equipment | - Front End Equipment |

Unless expressly stated otherwise in this Quote # 642750-4 Rev 1 or the attachments, if Daktronics performs installation of the Equipment, the price quoted does not include the following services pertaining to physical installations: digging of footings (including dirt removal), any materials fabrication, installation of steel cages, rebar, or bolt attachments, or pouring and finishing of concrete footings. Those service may be provided for an additional cost beyond the quoted price. Purchaser shall be fully responsible for any and all additional costs plus overhead in the event anything unexpected of any nature whatsoever is found while digging the footings including but are not limited to rock, water, utility lines, pipes or any other unforeseen circumstance. The Purchaser acknowledges and agrees that it is fully responsible for all site conditions.

Installation Responsibilities:

If applicable please reference Attachment A for Installation Responsibilities.

Ad/ID Copy Approval Process

Customer shall provide digital artwork for advertising and identification panels, conforming to [Daktronics' graphic file standards](#), at the time of order.

Daktronics will create a proof of provided artwork and require approval of that proof three weeks prior to the initial anticipated ship date. Advertising and identification panels not approved in time, will be shipped without copy in Daktronics' standard finish.



Austin Nelson
PHONE: 281-796-9156
FAX:
EMAIL: Austin.Nelson@daktronics.com

Lindsey Nordsiden
PHONE: 605-692-0200 x57127
FAX:
EMAIL: Lindsey.Nordsiden@daktronics.com

Terms And Conditions:

The Terms and Conditions which apply to this order available on request.

SL-02374 Standard Warranty and Limitation of Seller's Liability (www.daktronics.com/terms_conditions/SL-02374.pdf)

SL-02375 Standard Terms and Conditions of Sale (www.daktronics.com/terms_conditions/SL-02375.pdf)

SL-07862 Software License Agreement (www.daktronics.com/terms_conditions/SL-07862.pdf)

Additional Links:

Wireless Service Addendum (www.daktronics.com/TermsConditions/DD3956286)

Acceptance:

The parties acknowledge and agree that the agreement (the "Agreement") is comprised of the terms and conditions contained within this quote and any attachments thereto, along with the documents at the website addresses above. Purchaser hereby agrees to purchase the equipment as defined in the Agreement. Purchaser acknowledges having had the opportunity and means to review the Agreement. The Agreement represents the entire agreement of the parties and supersede any previous understanding or agreement. The Undersigned has actual authority to execute this document and Daktronics is relying on such authority. Purchaser acknowledges and agrees to the above, as evidenced by its attestation below.

Customer Signature

Date

Print Name

Title

Purchase Order Information:

City of Deer Park

PO# _____

PO Date _____

Purchaser hereby confirms that the equipment is to be delivered to, and may be installed by Purchaser or Daktronics (as indicated elsewhere herein) at the address indicated on page one (1) of the agreement unless otherwise specified below:

☐ Same as Bill to

Ship To:

Company

Contact Person

Address

City

State

Zip

Telephone

Fax

Email

☐ Same as Ship to

Installation Location (End User):

*Company

Contact Person

Address

*City

*State

*Zip

Telephone

Fax

Email

*Required Information

BILL TO (if different from quoted address):

Company

Contact Person

Address

City

State

Zip

Telephone

Fax

Email

DAKTRONICS QUOTE # 642750-4-1 MAIN

ATTACHMENT A

Outdoor

Responsible Party		Description
Daktronics	Customer	
	✓	1. Provide payment and performance Bond.
	✓	2. Secure necessary sign permits.
✓		3. Secure necessary construction permits.
	✓	4. Provide existing utility drawings.
✓		5. Generate and issue site specific electrical and signal drawing submittals for message center equipment.
✓		6. Generate and issue site specific equipment shop drawing and attachment detail submittals for message center equipment.
	✓	7. Provide approval of all engineering drawings, electrical drawings, shop drawings, equipment locations, color renderings, and ad copy layouts.
	✓	8. Provide soil investigation report at time of order.
	✓	9. Unobstructed access to equipment and control room installation site until display is 100%. Installation equipment (cranes, lifts, trucks, concrete trucks, etc.) are expected to have access directly to the scoreboard/structure location. No concrete pumping, concrete buggies, or crane picks over 10' distance from scoreboard structure are included.
	✓	10. Mark location of the new Equipment as delineated in the quote.
✓		11. Locate public underground utilities.
	✓	12. Locate private underground utilities.
	✓	13. Landscaping to include all.
✓		14. Provide all landscape protection, track, sidewalk, path, site restoration, and/or sprinkler system repair work.
✓		15. Site clean-up after Daktronics work.
✓		16. Crating and shipping of all equipment to facility via common or independent carrier.
✓		17. Accept, lift, unload, and inspect all message center equipment and control equipment from carrier.
	✓	18. Provide storage of message center equipment and control equipment in a safe, dry, and secure location until installation.
✓		19. Provide Equipment attachment hardware.
✓		20. Install Equipment attachment hardware.

DAKTRONICS QUOTE # 642750-4-1 MAIN

✓		21. Excavation of drilled pier foundation(s) including spoils removal. Placement and finishing of concrete for foundations. Note: For this quotation Daktronics basis for foundation design is a class 4 soil with a minimum allowable lateral bearing pressure of 150 psf/ft per Chapter 18 of the International Building Code (IBC). The foundation excavation is based on the excavated area remaining open without collapsing to allow the placement of applicable reinforcement and/or structural columns and concrete. This quotation does not include casings, slurry, dewatering or any other soil stabilization. In the event rock, water, differing soil conditions other than class 4 soil per Chapter 18 of the International Building Code (IBC) or unforeseen conditions are encountered, the Customer will be responsible for any additional costs, plus overhead and profit of 20%.
✓		22. Steel fabrication and erection of structural columns.
✓		23. Steel fabrication and erection of sub-structure for Equipment mounting.
✓		24. Paint new support structure.
✓		25. Lift and mount Equipment listed in this quotation.
	✓	26. Provide primary power feed up to and including five (5) feet off grade on structure in the form of transformer and electrical disconnect with over current protection per all applicable electrical codes and regulations. Note: Maximum voltage of 120 volts line to neutral for all display systems.
✓		27. Provide secondary power conduits, distribution panel, power cable and power hook-up from the five (5) feet off grade on structure to all Daktronics supplied load centers/termination panel at/within the Equipment.
✓		28. Installation of Daktronics provided radio/wireless receiver hardware at the equipment location.
	✓	29. Provide all required building (wall/roof) penetrations for the installation of Daktronics provided wireless bridge and/or radio transmitter components at the control location. Mount Daktronics provided wireless bridge and/or radio transmitter components to the building in accordance with manufacturers recommendations. Building penetration location shall provide clear line-of-sight to the equipment. Provide all conduit, with pull string, from control location equipment to the building penetration location.
✓		30. Unpack, set-up, hook-up, and testing of control system.
✓	✓	31. Provide personnel for maintenance and operator training.
✓		32. Perform maintenance training during installation.
✓		33. Perform operator training.
✓		34. Perform final systems testing and commissioning.
	✓	35. Final acceptance, per DF-1252.
✓	✓	36. Walk-thru inspection at Substantial Completion and identification of punchlist items
✓		37. Completion of punch list items.

NOTE: All change order work performed by Daktronics or Daktronics subcontractor will be performed at cost plus 20% overhead and profit.



City of Deer Park, TX

Detail Report Account Detail

Date Range: 10/01/2019 - 09/30/2020

Account	Name	Beginning Balance	Total Activity	Ending Balance
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Fund: 090 - CAPITAL IMPROVEMENTS FUND

090-312-43080

SMALL TOOLS & MINOR EQUIPMENT

0.00 47,238.84 47,238.84

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/31/2019	GLPKT01524	JN01552		PROCUREMENT 10/19			5,899.45	5,899.45
10/31/2019	GLPKT01524	JN01552		PROCUREMENT 10/19			72.90	5,972.35
Activity for October, 2019:								
							5,972.35	
11/05/2019	POPKT00093	4083854	301651	85" SONY LED SMART TV	012557 - BEST BUY-GOVERNMENT AND ED		7,259.85	13,232.20
	Purchase Order Number: 20-0548			012557 - BEST BUY-GOVERNMENT AND ED				
11/05/2019	POPKT00093	4083854	301651	TV WALL MOUNT	012557 - BEST BUY-GOVERNMENT AND ED		273.00	13,505.20
	Purchase Order Number: 20-0548			012557 - BEST BUY-GOVERNMENT AND ED				
11/05/2019	POPKT00093	VJL5968	301632	TRIPP LITE UPS WAVE	011570 - CDW GOVERNMENT		762.83	14,268.03
	Purchase Order Number: 20-0210			011570 - CDW GOVERNMENT				
11/08/2019	POPKT00105	113492477	301838	ALUMINIUM THREADED HANDLE	013669 - ULINE, INC.		69.00	14,337.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	TRASH CAN 44 GALLON YELLOW	013669 - ULINE, INC.		86.00	14,423.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	WET FLOOR SIGN	013669 - ULINE, INC.		92.00	14,515.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	STANDING DUST PAN	013669 - ULINE, INC.		44.00	14,559.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	BUCKET/WRINGER YELLOW	013669 - ULINE, INC.		385.00	14,944.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	HEPA VACUUM	013669 - ULINE, INC.		630.00	15,574.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	PUSH BROOM	013669 - ULINE, INC.		59.00	15,633.03
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	SHIPPING	013669 - ULINE, INC.		162.86	15,795.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	TRASH CAN SST 16 GALLON STEP-ON	013669 - ULINE, INC.		150.00	15,945.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				

Detail Report

Account

090-312-43080

Name

SMALL TOOLS & MINOR EQUIPMENT - Continued

Date Range: 10/01/2019 - 09/30/2020

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
11/08/2019	POPKT00105	113492477	301838	CADDY BAG	013669 - ULINE, INC.		49.00	15,994.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.			47,238.84	47,238.84
11/08/2019	POPKT00105	113492477	301838	HD METAL STORAGE CABINET GRAY	013669 - ULINE, INC.		1,110.00	17,104.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	ANGLE BROOM	013669 - ULINE, INC.		54.00	17,158.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	RIM CADDY	013669 - ULINE, INC.		70.00	17,228.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	TRASH CAN 32 GALLON FUNNEL LID	013669 - ULINE, INC.		790.00	18,018.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	OFFICE TRASH CAN 10 GALLON BLACK	013669 - ULINE, INC.		130.00	18,148.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	SST MOP/BROOM HOLDER	013669 - ULINE, INC.		120.00	18,268.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	FLOOR SQUEEGEE	013669 - ULINE, INC.		132.00	18,400.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	STANDING DUST PAN	013669 - ULINE, INC.		43.00	18,443.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	TRASH CAN DOLLY	013669 - ULINE, INC.		39.00	18,482.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492477	301838	INDUSTRIAL PLUNGER	013669 - ULINE, INC.		40.00	18,522.89
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492478	301838	SHIPPING	013669 - ULINE, INC.		22.20	18,545.09
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113492478	301838	SMOKER'S POLE	013669 - ULINE, INC.		299.00	18,844.09
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113542720	301838	6' RECTANGLE PICNIC TABLE	013669 - ULINE, INC.		650.00	19,494.09
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/08/2019	POPKT00105	113542720	301838	SHIPPING	013669 - ULINE, INC.		166.10	19,660.19
	Purchase Order Number: 20-0546			013669 - ULINE, INC.				
11/14/2019	POPKT00117	391671027001	301931	SHIPPING	011718 - OFFICE DEPOT, INC.		49.99	19,710.18
	Purchase Order Number: 20-0541			011718 - OFFICE DEPOT, INC.				
11/14/2019	POPKT00117	391671027001	301931	PORCELAIN MAGNETIC WHITEBOARD	011718 - OFFICE DEPOT, INC.		787.79	20,497.97
	Purchase Order Number: 20-0541			011718 - OFFICE DEPOT, INC.				

Detail Report

Account

090-312-43080

Name

SMALL TOOLS & MINOR EQUIPMENT - Continued

Date Range: 10/01/2019 - 09/30/2020

				Beginning Balance	Total Activity	Ending Balance
				0.00	47,238.84	47,238.84
Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account
11/14/2019	POPKT00117	391673241001	301931	SUPPLIES	011718 - OFFICE DEPOT, INC.	Amount Running Balance 1,526.44 22,024.41
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391673241001	301931	DRY-ERASE ERASER	011718 - OFFICE DEPOT, INC.	2.56 22,026.97
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391673242001	301931	MAGNETIC DRY ERASE	011718 - OFFICE DEPOT, INC.	79.99 22,106.96
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391673242001	301931	CORK BULLETIN BOARD	011718 - OFFICE DEPOT, INC.	129.99 22,236.95
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391673243001	301931	CORD AWAY GROMMET	011718 - OFFICE DEPOT, INC.	11.16 22,248.11
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391717956001	301931	SUPPLIES	011718 - OFFICE DEPOT, INC.	1,021.43 23,269.54
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391717956001	301931	LOW-ODOR DRY ERASE KIT	011718 - OFFICE DEPOT, INC.	24.01 23,293.55
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/14/2019	POPKT00117	391752094001	301931	DRY-ERASE WHITE BOARD	011718 - OFFICE DEPOT, INC.	109.98 23,403.53
	Purchase Order Number: 20-0541				011718 - OFFICE DEPOT, INC.	
11/19/2019	POPKT00117	GB00346947	301934	OFFICEPROPLUS LICENSE	012126 - SHI GOVERNMENT SOLUTIONS, I	2,961.60 26,365.13
	Purchase Order Number: 20-0025				012126 - SHI GOVERNMENT SOLUTIONS, I	
11/19/2019	POPKT00117	GB00346947	301934	WINENT UPGRADE	012126 - SHI GOVERNMENT SOLUTIONS, I	930.64 27,295.77
	Purchase Order Number: 20-0025				012126 - SHI GOVERNMENT SOLUTIONS, I	
11/25/2019	POPKT00126	108967	302036	MULTI ANGLE BENCH	0106989 - TX HOME FITNESS	1,100.00 28,395.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	TREADMILL WITH EMERGE CONSOLE	0106989 - TX HOME FITNESS	3,600.00 31,995.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	CORNER DUAL STACK MULTI FUNCTION TRAINER	0106989 - TX HOME FITNESS	3,200.00 35,195.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	RECUMBENT WITH EMERGE CONSOLE	0106989 - TX HOME FITNESS	2,000.00 37,195.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	ELLIPTICAL W/EMERGE CONSOLE	0106989 - TX HOME FITNESS	3,500.00 40,695.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	3 TIER DUMBELL RACK	0106989 - TX HOME FITNESS	175.00 40,870.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	
11/25/2019	POPKT00126	108967	302036	OLYMPIC PLATE TREE	0106989 - TX HOME FITNESS	225.00 41,095.77
	Purchase Order Number: 20-0237				0106989 - TX HOME FITNESS	

Detail Report

Account

090-312-43080

Name

SMALL TOOLS & MINOR EQUIPMENT - Continued

Date Range: 10/01/2019 - 09/30/2020

Beginning Balance

0.00

Total Activity

47,238.84

Ending Balance

47,238.84

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
11/25/2019	POPKT00126	108967	302036	OLMPIC CURL BAR	0106989 - TX HOME FITNESS		50.00	41,145.77
	Purchase Order Number: 20-0237			0106989 - TX HOME FITNESS				
11/25/2019	POPKT00126	108967	302036	SEATED ARM CURL BENCH	0106989 - TX HOME FITNESS		350.00	41,495.77
	Purchase Order Number: 20-0237			0106989 - TX HOME FITNESS				
11/25/2019	POPKT00126	108967	302036	SMITH PRESS ATTACHMENT	0106989 - TX HOME FITNESS		1,100.00	42,595.77
	Purchase Order Number: 20-0237			0106989 - TX HOME FITNESS				
11/25/2019	POPKT00126	108967	302036	300LB RUBBER WEIGHT SET	0106989 - TX HOME FITNESS		500.00	43,095.77
	Purchase Order Number: 20-0237			0106989 - TX HOME FITNESS				
11/25/2019	POPKT00126	433654833666	302110	6 SIDED GRATER	015545 - AMAZON.COM LLC		7.94	43,103.71
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	2 CUP MEASURING CUP	015545 - AMAZON.COM LLC		17.98	43,121.69
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	DINNERWARE	015545 - AMAZON.COM LLC		139.98	43,261.67
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	18 JAR BAMBOO SPICE RACK	015545 - AMAZON.COM LLC		31.49	43,293.16
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	PAPER TOWEL HOLDER	015545 - AMAZON.COM LLC		24.92	43,318.08
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	1000W BLENDER	015545 - AMAZON.COM LLC		88.99	43,407.07
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	8 PK 12 X 12 DISHCLOTH SET	015545 - AMAZON.COM LLC		27.98	43,435.05
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	6 QT SLOW COOKER	015545 - AMAZON.COM LLC		38.19	43,473.24
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	2 PC OVEN MITTS	015545 - AMAZON.COM LLC		12.97	43,486.21
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	TOASTER	015545 - AMAZON.COM LLC		51.04	43,537.25
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	3 PC COOKIE SHEET	015545 - AMAZON.COM LLC		17.99	43,555.24
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	3 PC CUTTING BOARD SET	015545 - AMAZON.COM LLC		13.97	43,569.21
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				
11/25/2019	POPKT00126	433654833666	302110	12 PC COOKWARE SET	015545 - AMAZON.COM LLC		94.95	43,664.16
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC				

Detail Report

Account

090-312-43080

Name

SMALL TOOLS & MINOR EQUIPMENT - Continued

Date Range: 10/01/2019 - 09/30/2020

Beginning Balance	Total Activity	Ending Balance
0.00	47,238.84	47,238.84

Project Account

Amount

Running Balance

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor
11/25/2019	POPKT00126	433654833666	302110	ICE CREAM SCOOP	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	22 PC SST MEASURING CUPS AND SPOON SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	11 PC UTENSIL SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	40 PC SILVERWARE SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	CAST IRON 12" SKILLET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	5 PC POTHOLDER SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	SILVERWARE TRAY ORGANIZER	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	3 PC SST STRAINERS	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	6 PC SST MIXING BOW SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	COLANDER SST	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	CAN OPENER	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	PIZZA WHEEL	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	12" FRY PAN W/LID	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	
11/25/2019	POPKT00126	433654833666	302110	18 PC BLOCK CUTLERY SET	015545 - AMAZON.COM LLC
	Purchase Order Number: 20-0465			015545 - AMAZON.COM LLC	

Activity for November, 2019:

38,109.33

12/05/2019	POPKT00143	114212154	302347	FREIGHT	013669 - ULINE, INC.	72.10	44,153.78
	Purchase Order Number: 20-0704			013669 - ULINE, INC.			
12/05/2019	POPKT00143	114212154	302347	SHELF KIT	013669 - ULINE, INC.	170.00	44,323.78
	Purchase Order Number: 20-0704			013669 - ULINE, INC.			

Detail Report

Account

090-312-43080

Name

SMALL TOOLS & MINOR EQUIPMENT - Continued

Date Range: 10/01/2019 - 09/30/2020

Beginning Balance	Total Activity	Ending Balance
0.00	47,238.84	47,238.84

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
12/05/2019	POPKT00143	114212154	302347	WIDE SPAN STORAGE RACK	013669 - ULINE, INC.		260.00	44,583.78
	Purchase Order Number: 20-0704			013669 - ULINE, INC.				
12/05/2019	POPKT00143	114274596	302347	FREIGHT	013669 - ULINE, INC.		166.10	44,749.88
	Purchase Order Number: 20-0704			013669 - ULINE, INC.				
12/05/2019	POPKT00143	114274596	302347	METAL PICNIC TABLE	013669 - ULINE, INC.		650.00	45,399.88
	Purchase Order Number: 20-0704			013669 - ULINE, INC.				
12/16/2019	POPKT00148	1803669	302420	GAS GRILL	010463 - HOME DEPOT CREDIT SERVICES		1,249.00	46,648.88
	Purchase Order Number: 20-0689			010463 - HOME DEPOT CREDIT SERVICES				
12/16/2019	POPKT00148	9970428	302420	WALTER FILTER	010463 - HOME DEPOT CREDIT SERVICES		19.98	46,668.86
	Purchase Order Number: 20-0652			010463 - HOME DEPOT CREDIT SERVICES				
12/16/2019	POPKT00148	9970428	302420	DRYER PEDISTAL	010463 - HOME DEPOT CREDIT SERVICES		279.00	46,947.86
	Purchase Order Number: 20-0652			010463 - HOME DEPOT CREDIT SERVICES				
12/16/2019	POPKT00148	9970428	302420	EMS STATION	010463 - HOME DEPOT CREDIT SERVICES		11.98	46,959.84
	Purchase Order Number: 20-0652			010463 - HOME DEPOT CREDIT SERVICES				
12/16/2019	POPKT00148	9970428	302420	WASHER PEDISTAL	010463 - HOME DEPOT CREDIT SERVICES		279.00	47,238.84
	Purchase Order Number: 20-0652			010463 - HOME DEPOT CREDIT SERVICES				

Activity for December, 2019: 3,157.16

090-312-44300

FURNITURE & FIXTURES

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
11/20/2019	APPKT00209	UI 461026	301903	SERVICES TO SUPPLY/INSTALL CUSTOM FURNITURE EMS	010698 - TDCJ-TEXAS CORRECTIONAL IND		10,825.65	10,825.65

Activity for November, 2019: 10,825.65

Detail Report

Account

090-312-49020

Name

BUILDINGS

Date Range: 10/01/2019 - 09/30/2020

Beginning Balance

0.00

245,322.26

245,322.26

Post Date	Packet Number	Source Transaction	Pmt Number	Description	Vendor	Project Account	Amount	Running Balance
10/21/2019	POPKT00080	PMT #1	301363	FCO GRAPIC WITH ACRYLIC POLY AND VINYL	016455 - NATIONAL SIGNS, LLC.		3,823.50	3,823.50

Purchase Order Number: 20-0180

11/19/2019	POPKT00117	PSI-007704	301995	ALUM PAN ARCH AND PANEL	016455 - NATIONAL SIGNS, LLC.		3,823.50	7,647.00
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Purchase Order Number: 20-0180

11/21/2019	APPKT00209	APP. No. 11	302003	CONSTRUCT EMS STATION PROJECT#18 -033 - PO#19-0743	016601 - COX COMMERCIAL CONSTRUCTI		237,675.26	245,322.26
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Activity for November, 2019: 241,498.76

Total Fund: 090 - CAPITAL IMPROVEMENTS FUND: Beginning Balance: 0.00 Total Activity: 303,386.75 Ending Balance: 303,386.75

Grand Totals: Beginning Balance: 0.00

Total Activity: 303,386.75 Ending Balance: 303,386.75

Fund Summary

Fund	Beginning Balance	Total Activity	Ending Balance
090 - CAPITAL IMPROVEMENTS FUND	0.00	303,386.75	303,386.75
Grand Total:	0.00	303,386.75	303,386.75

Budget

312 - Emergency Medical Services
EMS Building - City's portion

\$500,000

090-312-49020

Expenditures

312 - Emergency Medical Services
EMS Building - City's portion

\$47,238.84
10,825.65

090-312-43080 (small tools)
090-312-44300 (furniture

& fixtures)

245,322.26
\$303,386.75

090-312-49020 (buildings)
Total

\$500,000.00 - Budget

(303,386.75) - Expenditures

\$196,613.25 - Balance



DEER PARK FIRE STATION #3

PYLON SIGN

**2211 East X St.
Deer Park, TX 77536**



National Signs
CREATING LANDMARKS TOGETHER.

SCOPE OF WORK:
FABRICATE & INSTALL DOUBLE FACED ILLUMINATED PYLON WITH LED DISPLAY

ALL ALUMINUM CONSTRUCTION:

- ARCHED CABINET: FINISH: P1 AND P2
- TEXT: ROUTED INTO FACE AND BACKED WITH 3/16" THICK, #7328 WHITE ACRYLIC, WITH 1ST SURFACE APPLIED, V1 VINYL
- SUPPORT PIPES: 3 ½"Ø STANDARD STEEL PIPE W/4" O.D. X .226 THICK WALL FINISH: P2

MAIN ID & SECONDARY ID CABINET: FINISH: P3

- TEXT: ROUTED INTO FACE AND BACKED WITH ¾" THICK CLEAR ACRYLIC, 3/8" TO EXTEND PAST FACE -- 2nd SURFACE VINYL DIFFUSER APPLIED AND 1ST SURFACE V3 APPLIED WHITE VINYL

FLAT CUT OUT STAR: .125 ALUMINUM FLUSH MOUNTED TO CABINET FACES
FINISH: P3 WITH APPLIED V2 VINYL

REVEALS: 2" HIGH, FINISH: P2

LED DISPLAYS:

- 108 X 216 FULL COLOR LED MATRIX (10mm PIXEL PITCH)
- 4'-0" HIGH 7'-7" WIDE DISPLAY AREA
- 3'-7" HIGH 7'-3" WIDE CABINET
- FULLY PROGRAMMABLE TEXT & GRAPHICS
- COMMUNICATIONS: ETHERNET BRIDGE RADIO REQUIRED ONLY IF DISTANCE BETWEEN ETHERNET ROUTER AND LED DISPLAY IS OVER 250 FEET
- OPEN LINE OF SIGN FROM TRANSMITTER TO SIGN REQUIRED
- TEMPERATURE SENSOR IS NOT INCLUDED
- FILLER BETWEEN CABINETS: FINISH: P2

POLE COVER: FINISH: P2 AND P4
ACCENTS ON POLE COVER: FINISH: P5







CONCRETE PAD: 3" LARGER ALL AROUND THAN SECTION ABOVE. MIN 4" ABOVE GRADE/ MIN 3" BELOW GRADE

SUPPORT & FOUNDATION AS PER ENGINEERING REQUIREMENTS




- INTERNALLY ILLUMINATED
- ALUMINUM ANGLE FRAME
- NO VISIBLE FASTENERS ON FACE
- COUNTER SUNK SCREWS ON ENDS

FINISH SCHEDULE

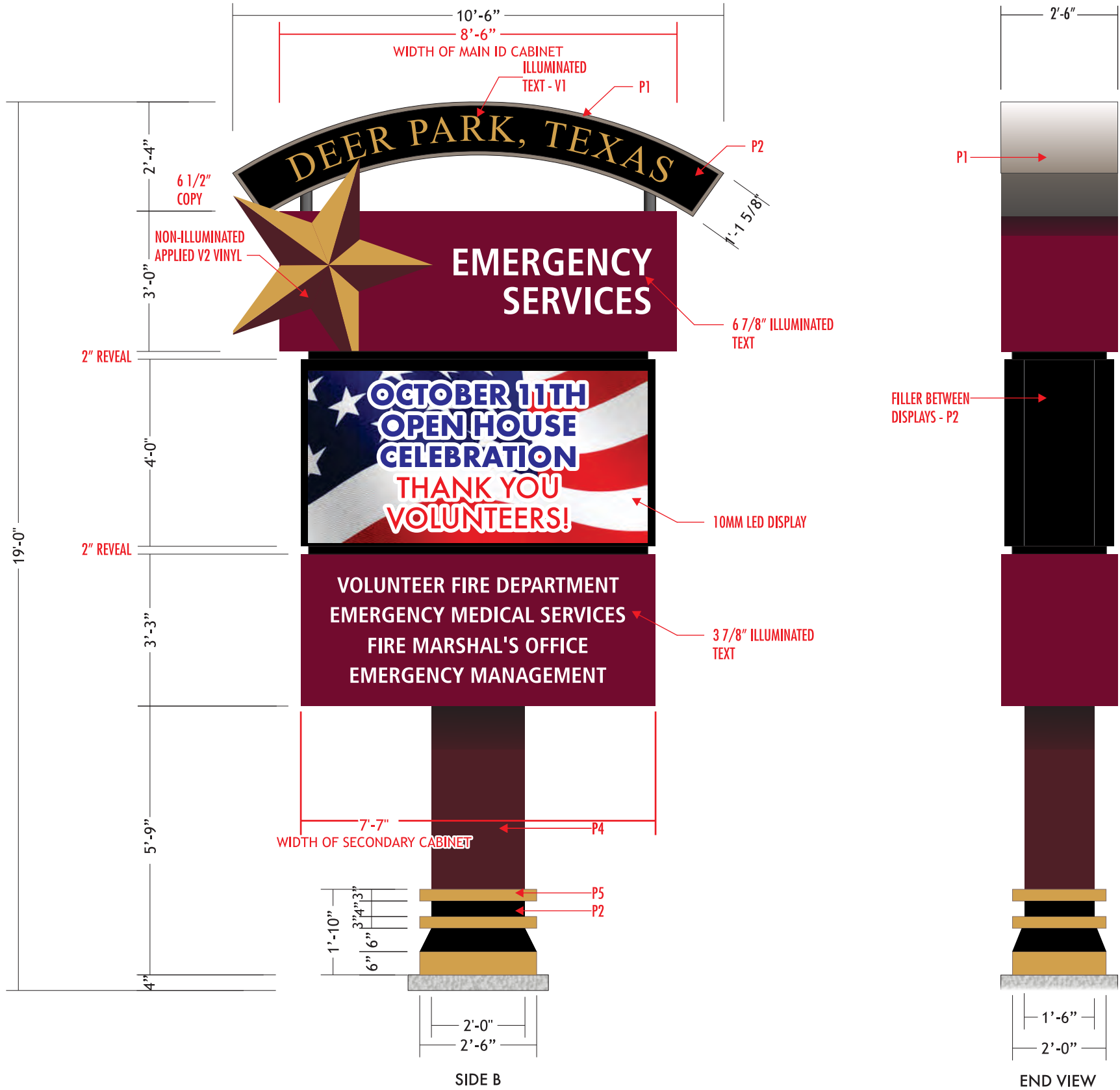
PAINT COLORS - SATIN FINISH

	P1: PMS WARM GRAY 8C
	P2: MP BLACK
	P3: PTM DK BURGUNDY 220-68
	P4: PMS 504C BROWN
	P5: PMS 7407C GOLD
	P6: MP WHITE

VINYL COLORS

	V1: TRANS. GOLD NUGGET 230-131
	V2: DTM GOLD PMS 7407C & BROWN PMS 504C (WITH PROTECTIVE LAMINATE)
	V3: TRANS. WHITE 230-20

APPROVED BY: _____



SIGN DETAIL

SCALE: 3/8" = 1'-0"



EXISTING CONDITION



UPDATED CONDITION

SIGN ELEVATION

SCALE: 3/16"=1'-0"

PROJECT:	DEER PARK FIRE STATION #3
LOCATION:	2211 EAST X STREET
CITY/STATE:	HOUSTON, TX 77536
DATE:	09.09.19
SALES REP:	REBECCA BRUCE
DESIGNER:	TIFFANY HASKELL
DRAWING#:	31109-00

REVISIONS				
A	9.12.19	UPDATE PYLON COPY LAYOUT - LARGER LED CHOSEN	TH	
B	9.16.19	REMOVE ADDRESS FROM PYLON	TH	
C	10.01.19	ADD ADDITIONAL OPTION - 10MM LED DISPLAY	TH	

SIGNATURES	
CLIENT APPROVAL	
SIGNED:	DATE:
LANDLORD APPROVAL	
SIGNED:	DATE:
SALES APPROVAL	
SIGNED:	DATE:

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UL INSTALLATION REQUIREMENTS

THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN.

120 VOLT ELECTRICAL SERVICE

	SIGN	LED DISPLAY
ELECTRICAL LOAD:		
20 AMP CIRCUIT(S):		

PROVIDE PRIMARY ELECTRICAL AT CENTER OF SIGN

CLIENT TO PROVIDE ALL PRIMARY ELECTRICAL SERVICES TO THE SIGN UNLESS OTHERWISE SPECIFIED



Legislation Details (With Text)

File #:	DIS 20-021	Version:	1	Name:	
Type:	Discussion	Status:		Agenda Ready	
File created:	2/10/2020	In control:		City Council Workshop	
On agenda:	2/18/2020	Final action:			
Title:	Discussion of issues relating to the Surface Water Treatment Plant Disinfection Alternative Evaluation.				
Sponsors:	Public Works				
Indexes:					
Code sections:					
Attachments:	DP Disinfection Alternative Evaluation Council Meeting 2.18.pdf				

Date	Ver.	Action By	Action	Result
2/18/2020	1	City Council Workshop		

Discussion of issues relating to the Surface Water Treatment Plant Disinfection Alternative Evaluation.

Summary:

In December of 2018, City Council approved an agreement with the Ardurra Group to perform an alternative disinfection study. Currently the City uses two (2) 1-ton containers, operated one at a time, to provide the primary source of chlorine for the system. To this chlorine, Aqueous Ammonia is added to create chloramines, a more stable disinfectant. This is boosted in the system where we have two (2) 150 pounds cylinders at our four remote sites. We also have Liquid Ammonium Sulfate (LAS) at two of the sites which is a recent change from Aqueous Ammonia.

The disinfection study compared three alternatives:

Alternative 1: ChlorTainer system- The ChlorTainer system is a passive container system that allows the ton container to fit inside it. If there were to be a leak while the container was in use, the leak would be contained and the chlorine would be allowed to be used that was with the ChlorTainer vessel but outside the tank.

Alternative 2: Bulk Sodium Hypochlorite- Bulk Sodium Hypochlorite is an industrial grade bleach that runs between 12.5-19%. The bulk hypochlorite is fed as a liquid and shipped in at the high concentration.

Alternative 3: Onsite Hypochlorite Generation- The Onsite Hypochlorite Generation (OSHG) system includes a system for creating sodium hypochlorite at a 0.8% concentration. This low concentration takes is out of the hazardous chemical classification. It relies on the conversion of salt to sodium hypochlorite by electrolysis. The process is a batch system where a brine solution enters cells where it is electrified. The result is sodium hypochlorite that is sent to a storage tank and hydrogen gas which is allowed to vent to the atmosphere through piping that takes it through the roof.

Staff is going to recommend that Alternative 3 be approved at a future Council Meeting, but wanted to have a discussion with Council about the study, the impacts of each alternative, and to answer any questions before presenting the alternative and request to enter a contract for the design phase.

Fiscal/Budgetary Impact:

While there is no budgetary impact based on this discussion, at the December 4, 2018 City Council Workshop, a presentation showed the total project cost to be \$3.45M that would come through the sale of Certificates of Obligation. Each alternative has the following estimated costs: Alternative 1 \$2,023,000, Alternative 2 \$1,096,000, and Alternative 3 \$2,543,000.

Discussion only at this time.



Surface Water Treatment Plant Disinfection Alternative Evaluation

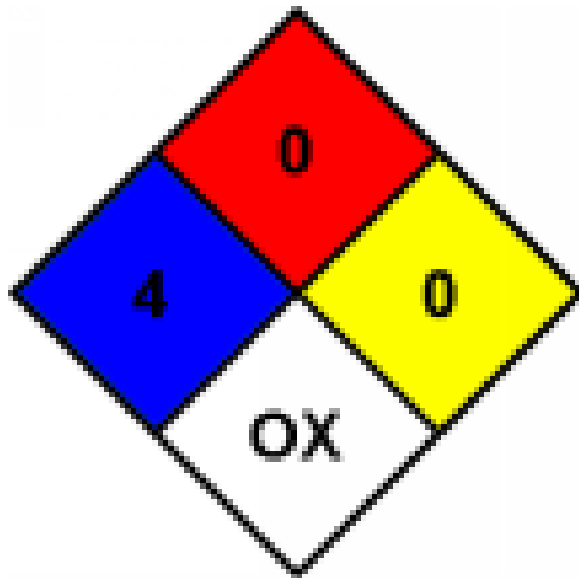
February 18, 2020

Agenda

- Project Drivers
- Improvements Alternative Evaluation
- San Antonio Water System (SAWS) Visit
- Path Forward



Project Drivers

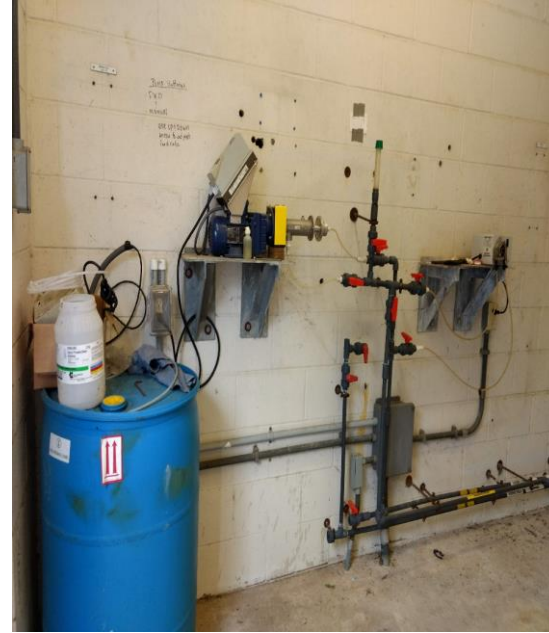


- Gas chlorine
- Rated 4 for health hazard, very short exposure could cause death or serious residual injury
- An oxidizer, increasing the rate of combustion/fire
- Require RMP and scrubber to handle potential leak
- Public safety concern during chemical transportation
- Operator safety during chemical handling and plant operation

Existing Disinfection System



Chlorine Storage Room



Ammonia Feed Room



Chlorine Feed Room

Project Goals

- Alternative disinfection technologies to improve operator safety with chemical handling
- Reduce potential chemical release (transportation and operation) and public exposure

Disinfection Alternatives

- ChlorTainer Secondary Containment
- Bulk-Delivered Sodium Hypochlorite
- Onsite Hypochlorite Generation



Alternative 1 – ChlorTainer Secondary Containment



- Gas chlorine is contained in a container
- Operation continues until gas chlorine is consumed
- Follow Standard Operation Procedure (SOP) after an event of leak
- Risk Management Plan (RMP) is still required

Alternative 1- ChlorTainer Secondary Containment

Pros

- Proven technology
- Produces stable product with long shelf life
- Easy to operate and maintain

Cons

- Toxic hazardous gas and requires RMP
- High risk to operators from potential chlorine release when changing out ton cylinders
- High risk to public during chemical transportation
- Chemical price subject to market change
- Potential interruption on chemical supply chain due to natural disasters

Alternative 2 – Bulk-Delivered Sodium Hypochlorite



- Commercially available 10% -15%, typically 12.5%
- Bulk storage tanks to meet 15-day onsite capacity
- Secondary containment
- New metering pumps
- Regulated as hazardous substance (safety and health program, hazard communication program, spill containment program, etc.)

Alternative 2- Bulk-Delivered Sodium Hypochlorite

Pros

- Proven technology
- Does not require RMP
- Easy to operate and maintain (similar to other chemical storage and feed systems used at the plant)

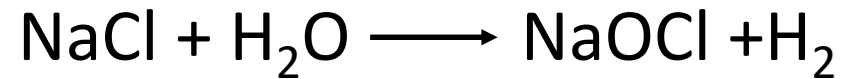
Cons

- Reduced shelf life from chemical degradation
- Potential leads to inefficient disinfection not meeting residual goal; Requires operator attention to adjust feed rates to offset
- Corrosive oxidant and require chemical safety programs
- Potential risk from chemical spills or inadvertent mixing with other chemicals resulting in undesired reaction
- Piping clogging, crystallization, and offgas issues
- Chemical price subject to market change
- Potential interruption on chemical supply chain due to natural disasters

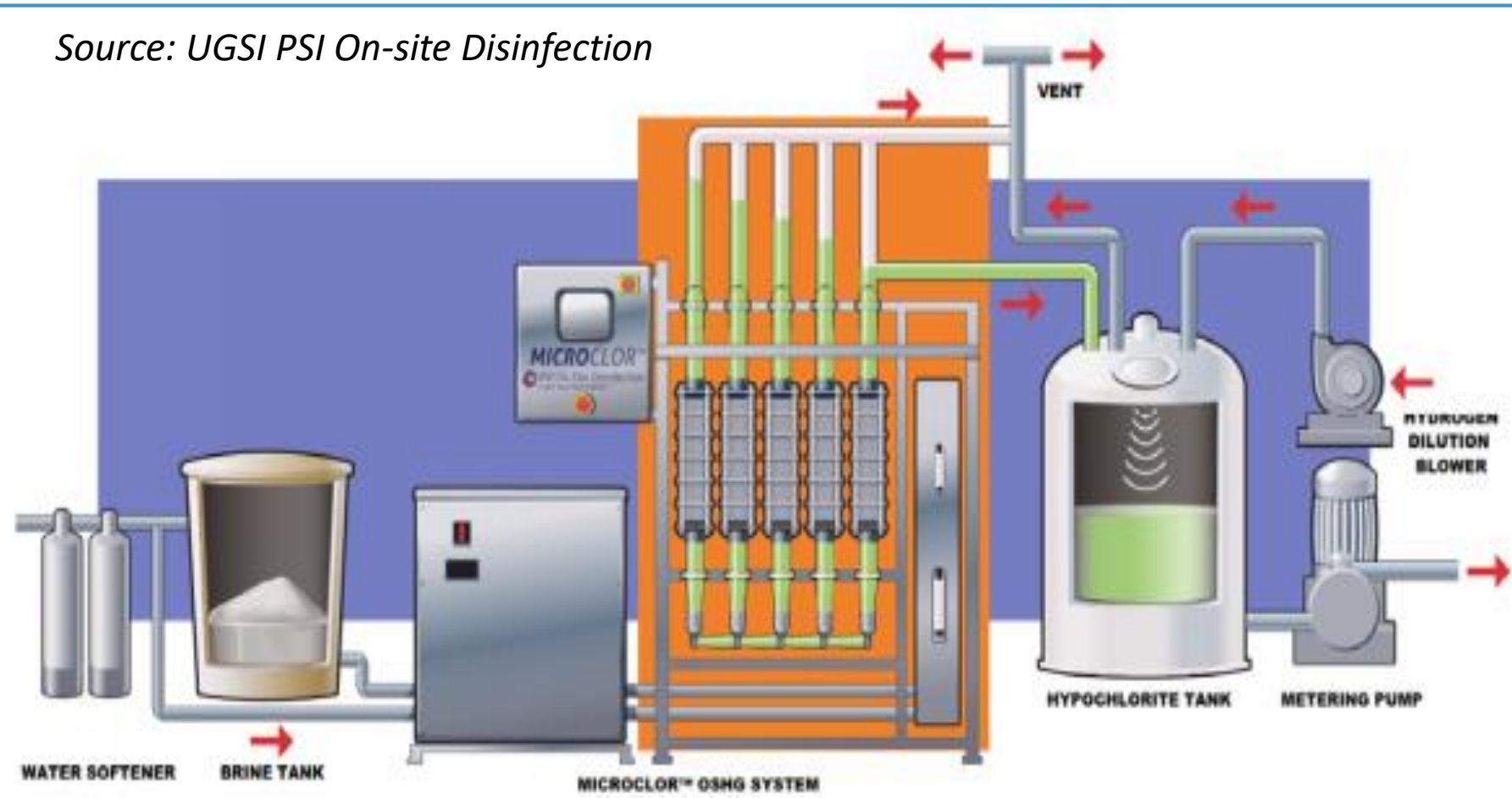


Alternative 3 – Onsite Hypochlorite Generation

- Low strength 0.8%
- On-site Hypochlorite Generation Recipe: water, salt, and power



Source: UGSI PSI On-site Disinfection



Alternative 3- Onsite Hypochlorite Generation

Pros

- Proven technology
- Produces consistent product concentration onsite
- Low strength (0.8%) hypochlorite with least risk
- No storage of highly hazardous chemicals on site
- Does not require RMP
- Reduces plant chemical delivery traffic

Cons

- Hydrogen gas byproduct requires dilution before venting outside
- Relatively new to operator; requires training
- Troubleshooting may involve mfr. support
- Requires cell PM cleaning

Comparison



System Reliability	<ul style="list-style-type: none"> Stable product with long shelf life 	<ul style="list-style-type: none"> Limited shelf life due to product degradation Potentially lead to ineffective disinfection not meeting residual target 	<ul style="list-style-type: none"> Produce consistent product concentration and high-quality disinfection product
Safety Considerations (Public, Operator etc.)	<ul style="list-style-type: none"> Toxic hazardous gas High risks during transportation Require RMP 	<ul style="list-style-type: none"> Corrosive oxidant High risks during transportation Potential risk due to spill or inadvertent mixing with other chemicals No RMP but OSHA Chemical Safety Program 	<ul style="list-style-type: none"> No storage of highly hazardous chemicals Least risk due to lower concentration of hypochlorite product Require venting of H2
O & M Considerations	<ul style="list-style-type: none"> Easy to operate and maintain 	<ul style="list-style-type: none"> Easy to operate and maintain Potential equipment and piping clogging, crystallization and off-gassing Require softened water if dilution is required Potentially require adjustment on feed rates to offset chemical degradation 	<ul style="list-style-type: none"> Require operator training Troubleshooting may involve mfr. assistance Require cell PM cleaning

Preliminary Life Cycle Cost Analysis (LCCA)

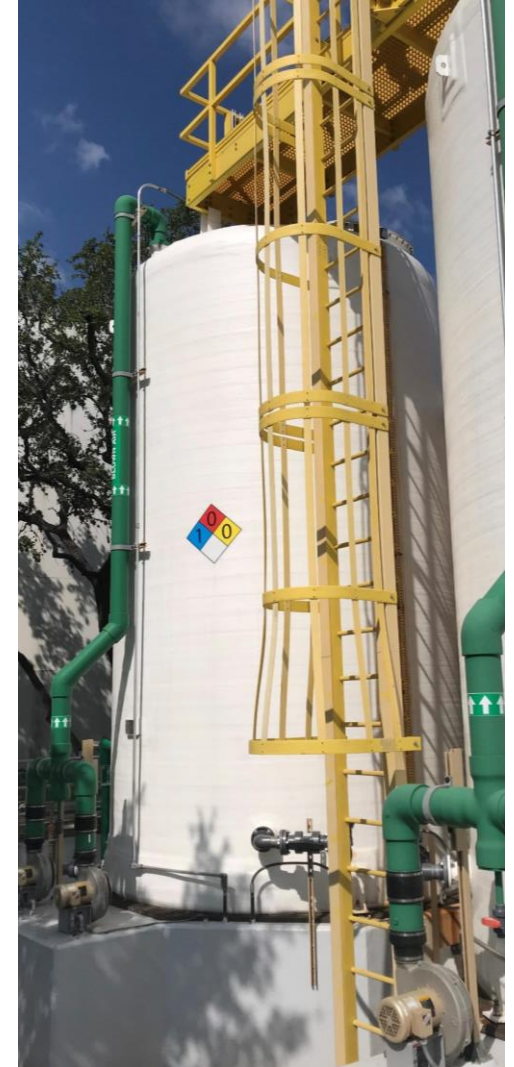
			RECOMMENDED OPTION FOR IMPROVEMENTS
Item	Alternative 1	Alternative 2	Alternative 3
	Gas Chlorine with ChlorTainer	Bulk Delivered Sodium Hypochlorite	Onsite Hypochlorite Generation
Capital Cost	\$2,023,000	\$1,096,000	\$2,543,000
Annual O& M Cost	\$43,000	\$55,600	\$33,500
20-Year Net Present Value	\$2,724,000	\$2,007,000	\$2,993,000

Research of other Water Systems Switching to OHSB

Site Name	State	Plant Capacity/OHSB System Capacity	System Replaced	Startup Date
Otay WTP	San Diego, CA	34 MGD/2, 1,000 PPD skids	Chlorine Gas	2011
Hendersonville WTP	Hendersonville, TN	10 MGD/2, 300 PPD skids	Chlorine Gas	2014
Blackman WTP	Springfield, MO	52.5 MGD/3, MC-1500	Chlorine Gas	2013
Daphne WP	Daphne, AL	100 PPD	New Water Plant	2009
Vacaville WP	Vacaville, CA	12MGD/1, 400 PPD Skid	Chlorine Gas	2014
Olivehain WP	Encinitas, CA	34 MGD/1, 2,400 PPD Skid	Chlorine Gas	2014
Austin WTP 4	Austin, TX	50 MGD/ 3, 1,500 PPD Skids	New Water Plant	Aug-15
SAWS Marbach PS	San Antonio, TX	2, MC-500	Chlorine Gas	Nov-16
SAWS Maltsberger PS	San Antonio, TX	2, MC-800	Chlorine Gas	Sep-16
SAWS NACO PS	San Antonio, TX	2, MC-1200	Chlorine Gas	Aug-16
SAWS Wurzbach PS	San Antonio, TX	2, MC-1000	Chlorine Gas	Feb-17

SAWS Visit

- Concerns over Operator safety
- Increasing levels of regulation
- A good-neighbor ethic



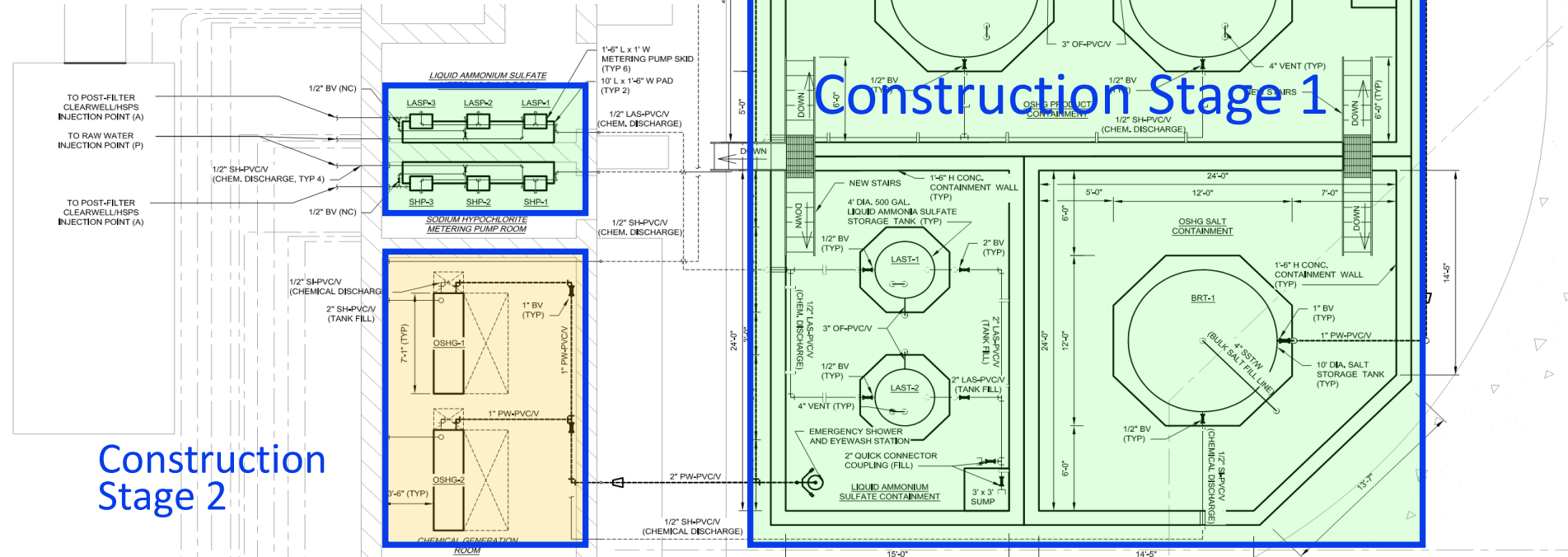
Path Forward

Proposed Disinfection System Improvements

- Furnish and install two 200 ppd on-site hypochlorite generator units, with brine storage tank, hypo tanks, metering pumps, blowers, and auxiliary components
- Modify existing chlorine building to enclose current chlorine room, new door, HVAC improvement, hydrogen piping roof penetration etc.
- Replace aqua ammonia storage and feed system with new liquid ammonium sulfate system
- Electrical, instrumentation and control, and SCADA integration to accommodate new system
- Chemical containment, metal railing, etc.
- Yard piping, and site civil improvements for chemical unloading

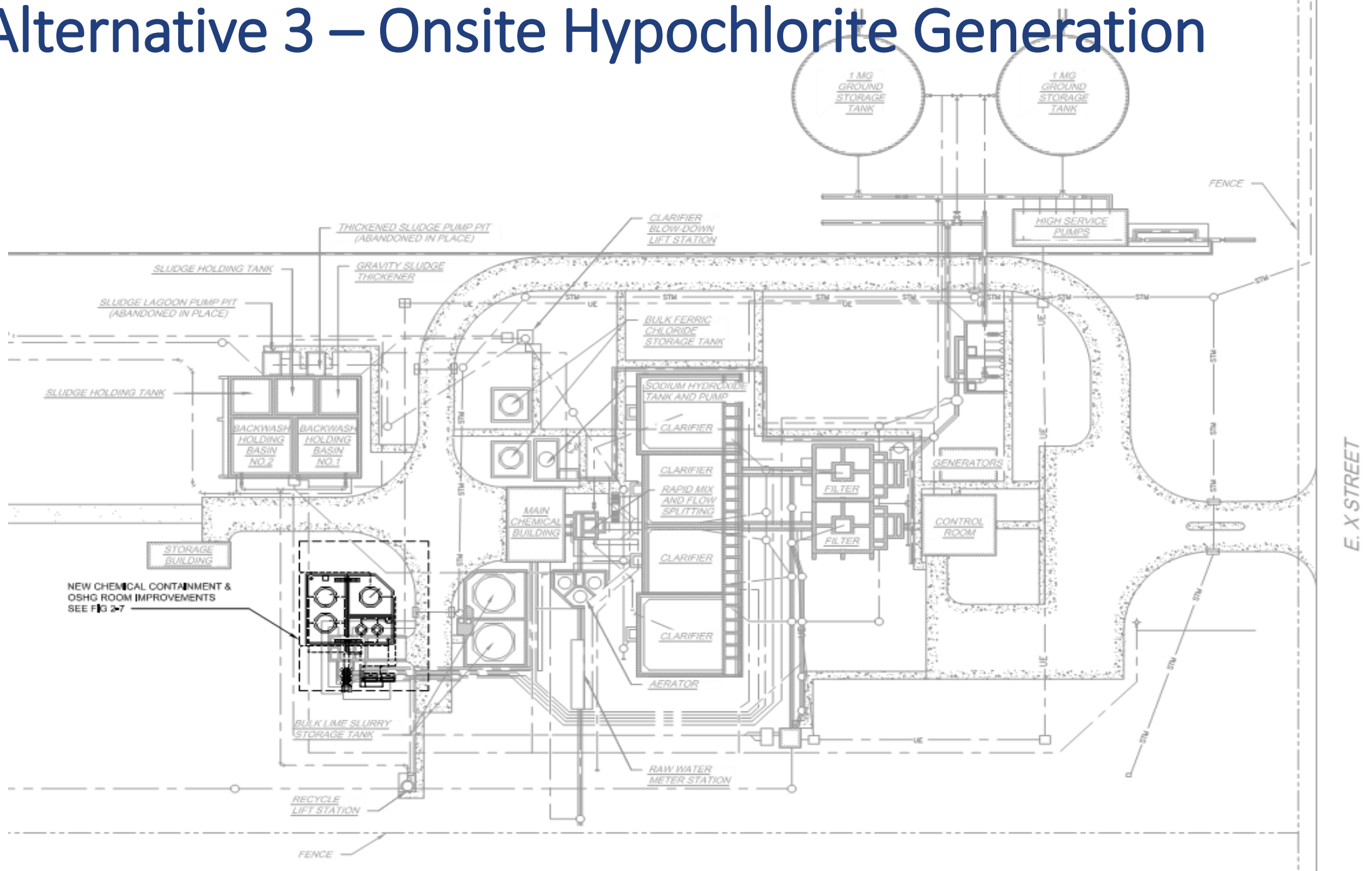


- Two product solution tanks
- Two generators
- Three metering pumps
- Repurpose Cl_2 storage room for hypo generators
- MOPO consideration: limited impact with proper construction staging



Alternative 3 – Onsite Hypochlorite Generation

Alternative 3 – Onsite Hypochlorite Generation



Questions?