



AGENDA

PUBLIC WORKS COMMISSION CITY OF HUNTINGTON BEACH

Wednesday, September 18, 2013 – 5:00 PM

Utilities Yard

19021 Huntington Street
Huntington Beach, CA 92648

A. PLEDGE OF ALLEGIANCE

ROLL CALL

Berge, Brenden, Carr, Cook, Hart,
McGovern, Thomas

B. PRESENTATIONS-COMMENDATIONS

C. MINUTES

C-1. Minutes of August 21, 2013

D. ORAL COMMUNICATIONS

Public Comments – the Public Works Commission welcomes public comments on all items on this agenda or of community interest. **Three minutes per person**, time may not be donated to others. Commission on this date can take no action on any item not on the agenda. This is the time to address Commission regarding items of interest or agenda items other than public hearings. Communications on agenda items will be scheduled such that public comments may be received as close to 5:00 p.m. as possible.

E. DIRECTOR'S ITEMS

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions - The City Council conducts public Study Sessions on the evenings of City Council meetings, normally beginning at 4:00 p.m., in Room B-8. A tentative listing of upcoming sessions is submitted for the Commission's information.

F-2. Active Capital Project Report – An update on active capital projects is presented for the Commission's information. Project information, including description, location maps and funding sources can be found in the FY 2012/13 Capital Improvement Program notebook, or on the city's website under Government, Current [Budget](#) information.

AGENDA
PUBLIC WORKS COMMISSION
Wednesday, September 18, 2013
PAGE 2

G. ADMINISTRATIVE ITEMS

- G-1. Trinidad Island Lift Station No. 29- Plans and Specifications for the Trinidad Island Lift Station No. 29, Project, CC-1401, are in final preparation. Staff requests approval that the subject project is in general conformance with the previously approved CIP.

Funding Source: Funds in the amount of \$1,700,000 have been budgeted from the Sewer Fund account number 511.

Recommended Action: Motion to approve that the Trinidad Island Lift Station No. 29, project CC-1401, is in general conformance with the previously approved CIP.

- G-2. 1st Street Storm Drain Supervisory Control and Data Acquisition (SCADA) Sewer Diversion Project - Plans and specifications for the 1st Street SCADA Sewer Diversion project, CC-1461, are in final preparation. Staff requests approval that the subject project is in general conformance with the previously approved CIP.

Funding Source: Funds are budgeted in the 1st Street sewer diversion account No. 10040314.82660. Sixty one percent of eligible construction costs (\$63,000) will be reimbursed to the City through Orange County Transit Authority (OCTA) Environmental Cleanup Program (ECP) Tier 2 grant funds. The City will contribute in kind funding from the General Fund in the amount of \$120,000.

Recommended Action: Motion to approve that the 1st Street SCADA Sewer Diversion Project, CC-1461, is in general conformance with the previously approved CIP.

H. WRITTEN COMMUNICATIONS

I. COMMISSION AND STAFF COMMENTS

J. ADJOURNMENT

<p>NEXT PUBLIC WORKS COMMISSION MEETING <i>October 16, 2013, 5:00 PM, Utilities Yard</i></p>



MINUTES

CITY OF HUNTINGTON BEACH PUBLIC WORKS COMMISSION AUGUST 21, 2013

**Call to Order/
Pledge of Allegiance:** The meeting was called to order at 5:00 p.m. by Chairperson Thomas, who led Commissioners and the audience in the Pledge of Allegiance to the Flag.

Commissioners Absent: Berge, Carr

Commissioners Present: Commissioners McGovern, Hart, Brenden, Cook, and Thomas were in attendance.

Others Present: Travis Hopkins, Director of Public Works
Tom Herbel, City Engineer
Brian Ragland, Utilities Manager
Ken Dills, Project Manager
Bob Stachelski, Transportation Manager
Andy Ferrigno, Senior Civil Engineer
Jon Erickson, Water Quality Technician
Derek Smith, Water Quality Coordinator
Kirsty Wapner, Administrative Assistant
Dave Hamilton, Member of the Public
Merle Moshiri, Member of the Public

B. PRESENTATIONS-COMMENDATIONS

None.

C. MINUTES

C-1. Motion by Commissioner McGovern, seconded by Commissioner Cook to approve the minutes of July 17, 2013 as presented.

VOTE: The motion carried.
AYES: 4
NOES: 0
ABSENT: 2 (Berge, Carr)
ABSTENTIONS: 1 (Hart)

D. ORAL COMMUNICATIONS

Travis Hopkins noted the Public Hearing for the Public Health Goals will be presented later in the meeting and any comments related to this topic wait until the public hearing opens.

E. DIRECTOR'S ITEMS

Travis Hopkins reported the CIP was recently presented to the City Council and the City's CIP and budget will be presented to Council for formal adoption on September 3, 2013.

F. INFORMATION ITEMS

F-1. Upcoming City Council Study Sessions – Travis Hopkins noted the Orange County Water District Annexation is scheduled to be presented at the Study Session on September 3.

F-2. Active Capital Project Report – Tom Herbel provided updates on the capital project report. Arterial Rehabilitation work is well underway on Garfield. Work on Goldenwest will start mid September. The Edinger Parkway Path was awarded at the last Council meeting; Construction will start in three weeks. Hanover Lane Rehab is under construction and should be completed mid October. Keelson Lane Rehab is starting demolition. Lakeview Drive Sidewalk and Retaining Wall is underway. 7th Street Street Light Replacement was awarded at Monday's Council meeting. Slater Channel Improvements was awarded recently. The Central Park North Parking lot off Slater is substantially complete. Shipley Nature Center Permanent Parking Lot is currently under design. Warner Avenue Gravity Sewer Main & Lift Station "C" Construction has been awarded. This work will take about 15 months to complete. The Algonquin/ Boardwalk Lift Station is substantially complete. Paving on the Corrosion Protection Steel on Springdale project will be complete in about two weeks.

Commissioner Cook noted heavy construction activity nearly everywhere she has traveled and inquired whether this is a result of stimulus money. Travis Hopkins stated that Huntington Beach is using stimulus funds at this time.

Commissioner McGovern inquired about the street lighting items. Bob Stachelski reported the City is currently holding off instead of dedicating more money to these items because of negotiations with Edison. It is a slow process and he doesn't anticipate an answer until possibly the end of the calendar year.

F-3. Bicycle Master Plan Updates – Bob Stachelski reported that staff made contact with Long Beach city staff regarding data/information with their bicycle plan. It

was estimated that bike ridership has since doubled and the number of bicycle accidents have gone down since the installation of shared bikeways in the Belmont Shore area. Travis Hopkins added the bicycle master plan went to Council last Monday. Mr. Stachelski noted that moving forward, the bicycle master plan will be taken to Planning Commission and the final document should be processed in November with City Council.

Commissioner Cook asked if there are any future plans for installing tire pump stations. Mr. Stachelski stated there are no plans for this, but it could be done in conjunction with new bicycle parking facilities. He added that OCTA recently released a call for projects for bike projects, for which Huntington Beach will submit funding requests. Commissioner Cook noted the need for bike parking at Bolsa Chica State Beach. Mr. Stachelski acknowledged the room for improvements with the bike racks. It was noted that the concept of paying to lock bikes is a good option as well. Commissioner Hart asked which bike path option is being pushed for PCH. Mr. Stachelski stated not one particular option is being pushed, but it will depend on what is approved. Council liked the Cycle Track option. Commissioner Brenden stated safety concerns with this option with car doors opening and bicyclists. Mr. Stachelski reported this option includes a buffer zone so doors opening won't interfere with bike lane. He added if empirical data exists as to how this option has worked in other areas, he would get it. There will be many reviews and evaluations before anything is implemented. Commissioner Brenden mentioned the possibility of rumble strips. Mr. Stachelski stated we have raised pavement markers and buffers to act in same manner as rumble strips. Cyclists would also have to deal with rumble strips, as they are not required to stay in bike lane. Commissioner Cook stated she may have a video of the buffer separation from New York.

G. ADMINISTRATIVE ITEMS

- G-1. Cast Iron Pipe Replacement- Andy Ferrigno reported the replacement of these pipelines was included in the 2012 Water master Plan and Financial Plan Update. This project will replace existing corroded pipelines with 6-inch diameter PVC pipelines. This may be the last iron pipeline replacement.

Motion by Commissioner Cook, seconded by Commissioner Brenden, to approve that the Downtown Cast Iron Pipe Replacement is in general conformance with the previously approved CIP.

VOTE: The motion carried.
AYES: 5
NOES: 0
ABSENT: 2 (Berge, Carr)
ABSTENTIONS: 0

G-2. Public Hearing to Consider Acceptance of Public Works Utilities Division Public Health Goals Report- Brian Ragland presented a PowerPoint, which is attached to these minutes. The City is required to hold a public hearing every three years to present Public Health Goals with respect to the City's water supply.

Commissioner Cook asked if the water quality affects the pipes differently. Water Quality Coordinator Derek Smith noted the City is required to test every three years for lead and copper. It was asked if the ground or import water generates more copper out of the pipes. Mr. Smith stated neither water source is corrosive. He mentioned that Washington DC is known for those issues and that the west coast doesn't have the same issues because lead fixtures are not as prevalent.

Commissioner Hart noted the Public Health Goals for contaminants are very low. Brian Ragland noted it is excessively expensive to get down to the Public Health Goal level.

Commissioner Cook asked at what point can the water not be served. Derek Smith responded with at ten times the amount.

Chairperson Thomas noted the no possible corrective action was presented for the gross alpha. Mr. Ragland stated he believed reverse osmosis would be the recommended treatment and that he would confirm and inform the Commission at a later date.

Commissioner Brenden asked how often the City's water is tested. Mr. Smith reported that, depending on what the water is being test for, it is tested either weekly, quarterly, annually, or tri-annually. Commissioner Brenden asked about any safeguards in place for terrorist acts. Mr. Hopkins noted since 9/11, there are mandates on how facilities are monitored with videos, gates, etc. Mr. Ragland added staff is currently looking into entry alarms and more security of all facilities. Commissioner Brenden asked about real time water testing. Mr. Ragland stated it could be possible. Mr. Smith noted we have inline analyzers for chlorine. These analyzers are at all well sites and reservoirs, which are monitored by computers. If they go out of range, staff is notified. There are fluoride analyzers as well. There are 40 sample taps throughout the City which are checked at least once per week. Bacteria testing is done every two days.

The Public Hearing was opened.

Two members of the public were present. Member of the public, Dave Hamilton, asked if the City tests for boron. Mr. Ragland responded yes we do. Commissioner Cook asked if the water process proposed by the Poseidon desalination plant would produce water high in boron. She noted that many plants are sensitive to water high in boron. Member of the public, Merle Moshiri, asked if in the proposed agreement put the responsibility for boron treatment

on Poseidon. Mr. Ragland said that the current agreement, which is not final, would require Poseidon to provide water that can be no higher than .75 parts per million on the average. Part of the water purchase agreement states if Poseidon fails to meet water quality goals, we don't pay.

Commissioner McGovern asked how Huntington Beach ranks in comparison to other Orange County cities with regard to water quality. Ragland noted that comparison information is not available, but that the City's water supply exceeds all of the State's water quality standards.

Commissioner Cook requested a copy of the agreement between Poseidon and the participating agencies in the Carlsbad desalination plant. Ragland will get her a copy and noted appendix 8 refers to the water quality.

The Public Hearing was closed.

Motion by Commissioner Brenden, seconded by Commissioner Cook to accept the Public Works Utilities Division Public Health Goals Report.

VOTE: The motion carried.
AYES: 5
NOES: 0
ABSENT: 2 (Berge, Carr)
ABSTENTIONS: 0

H. WRITTEN COMMUNICATIONS

None.

I. COMMISSION AND STAFF COMMENTS

Commissioner Brenden commended Public Works Department staff on the work done at Slater Parking Lot.

Commissioner McGovern commended Public Works Department staff on the work done and clean up after the US Open riots.

Commissioner Brenden asked if we knew of the cost impact to the Public Works Department from the US Open. Mr. Hopkins reported we haven't evaluated that, but did identify the cost for the clean-up, which was approximately \$13,500, which is not covered by the organizer. Various issues are being evaluated after the US Open incident.

Member of the public, Merle Moshiri, inquired about the Wet Electric event. Mr. Hopkins stated it is scheduled for Saturday, September 14 and will be at the

State Beach at Brookhurst and PCH, with an expected 8,000 people. The event is scheduled to end at 9:00 PM.

Brian Ragland stated the OCWD is working with Poseidon on costs regarding the purchase of part or all of the project water. He also noted that OCWD is currently taking applications for a citizens committee to participate in the process. The deadline for applications is the end of the month.

J. ADJOURNMENT

The meeting adjourned at 6:15 PM to September 18, 2013 at 5:00 PM at the Utilities Yard.

Jennifer Thomas
Chairperson

Kirsty Wapner
Administrative Assistant

Public Health Goals Report

Presented to the City of Huntington Beach
Public Works Commission

Public Works Utilities Division

August 21, 2013

PHG Report Background

- SB 1307 (Calderone-Sher)
 - Effective January 1, 1997
 - For water systems with over 10,000 service connections
 - Report to be prepared by July 1, 1998 and every three years thereafter – 2001, 2004, 2007, 2010, 2013, but only if a PHG is exceeded
 - Report is submitted to the governing body (City Council) and then taken to public hearing (PWC)

PHGs and MCGLs

- Targets for ultimate achievement rather than an enforceable standard
 - Established by the California EPA Office of Environmental Health Hazard Assessment (OEHHA)
- Maximum Contaminant Level Goal (MCGL)
 - Federal equivalent if no State PHG is adopted
- Not to be confused with Maximum Contaminant Levels (MCLs) which are enforceable by law and based on practical risk-management factors
- PHGs and MCGLs are typically far below MCL or “action level” standards

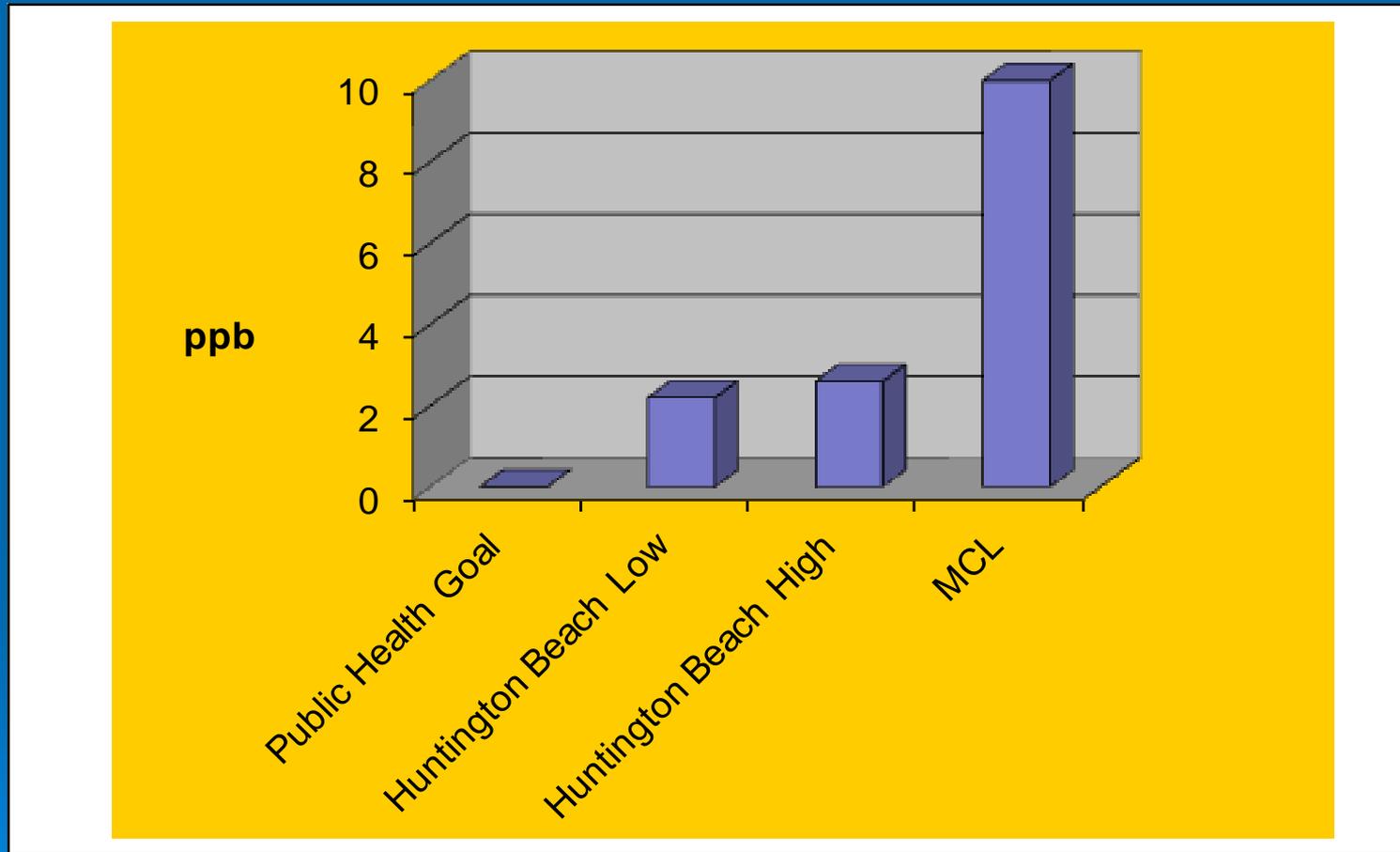
Report Requirements

- Identify any levels exceeding PHG or MCLG
- Include information on:
 - Health risk
 - Best treatment to reduce constituent
 - Estimated cost of treatment

Arsenic Monitoring

- Arsenic occurs naturally in the earth's crust
- PHG is set at 0.004 parts per billion (ppb)
- Huntington Beach's highest level during the monitoring period was 2.6 ppb
- MCL is 10 ppb

Arsenic Monitoring



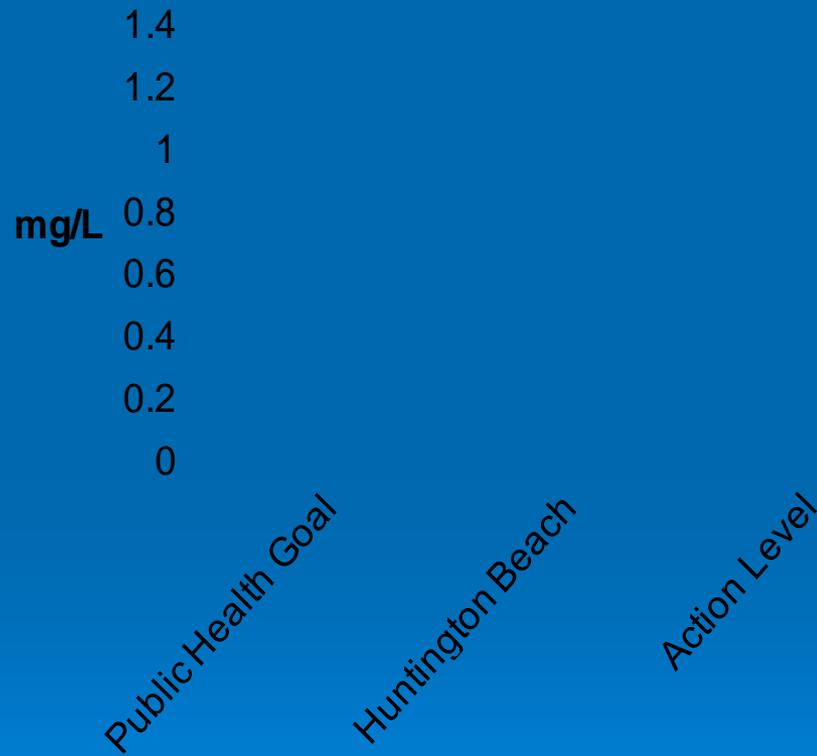
Arsenic Monitoring

- Best Available Treatment (BAT) for arsenic is reverse osmosis at an estimated cost of \$25M/year
- Cost much higher than \$25M/year since wells are at separate sites
- Arsenic levels are below the MCL
- System is in full compliance - no additional treatment necessary

Copper Monitoring

- Copper occurs as result of corrosion of household plumbing
- Samples taken from household taps
- PHG is 0.3 milligrams per liter (mg/L)
- Huntington Beach's 90th percentile of testing in 2012 was 0.33 mg/L
- Action Level (AL) is 1.3 mg/L

Copper Monitoring



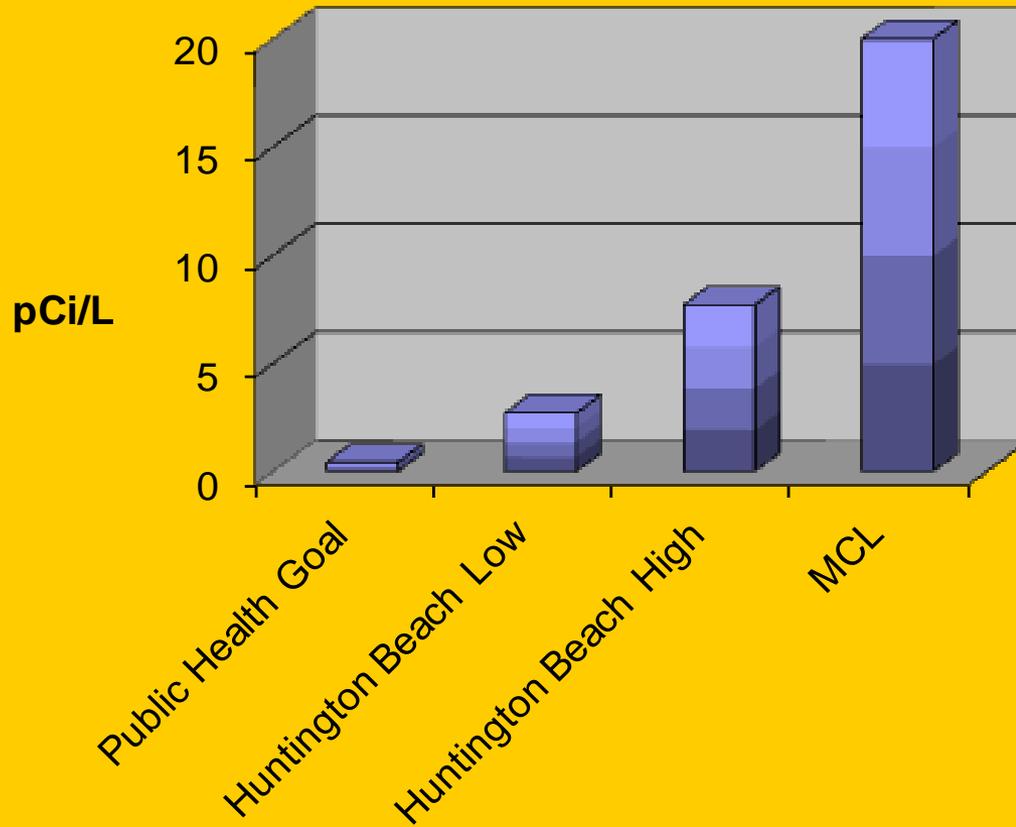
Copper Monitoring

- BAT for copper is “optimized corrosion control”
- Testing every 3 years demonstrates City system has “optimized corrosion control”
- Copper levels are below AL
- System is in full compliance with Federal and State Lead and Copper Rule – no additional treatment necessary

Uranium Monitoring

- Uranium occurs naturally in the earth's crust
- PHG is set at 0.43 picocuries per liter (pCi/L)
- Huntington Beach's highest level during the monitoring period was 7.70 pCi/L
- MCL is 20 pCi/L

Uranium Monitoring



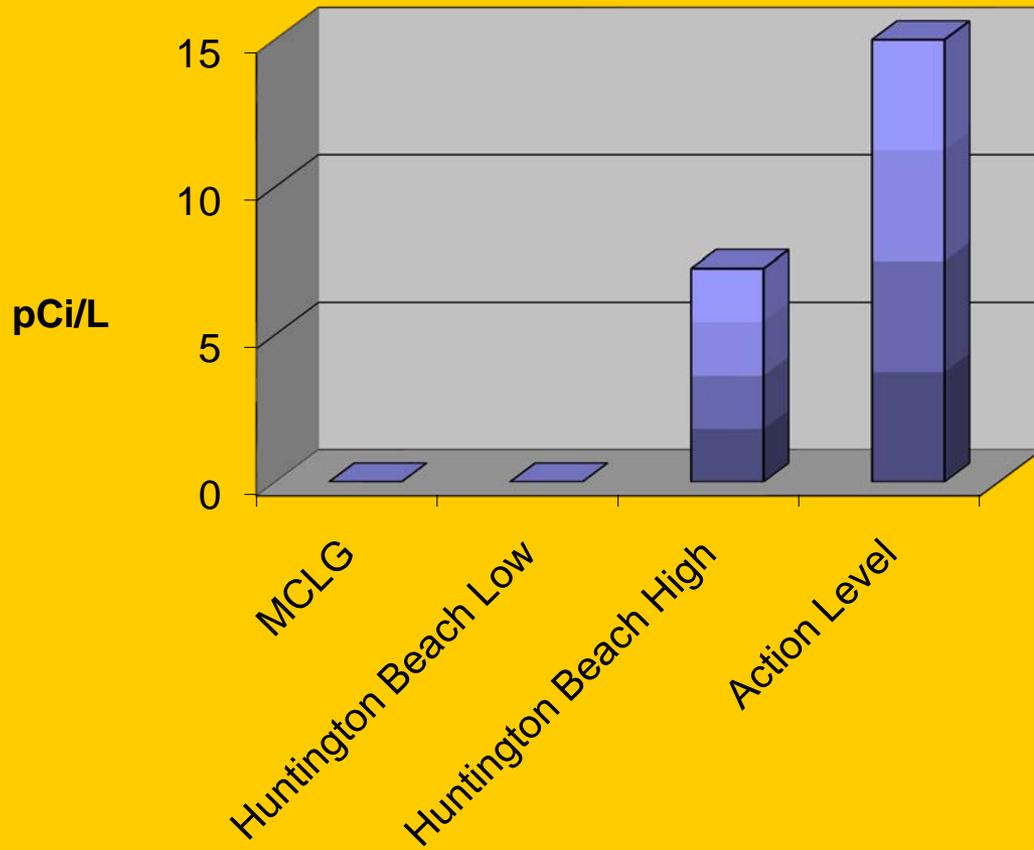
Uranium Monitoring

- BAT for uranium is reverse osmosis, cost estimated over \$25M/year
- Uranium levels are below the MCL
- California DPH states: “Drinking water that meets the MCL is associated with little to no risk and should be considered safe with respect to uranium.”
- System is in full compliance with Federal and State Lead and Copper Rule – no additional treatment²¹ necessary

Gross Alpha Monitoring

- Gross alpha is the measurement of radioactive particle activity
- No PHG set – USEPA has MCLG of 0 pCi/L
- Action Level (AL) is 15 pCi/L excluding uranium and radon content
- Huntington Beach's highest level during the monitoring period was 7.24 pCi/L
- After uranium is deducted the net gross alpha is less than the minimum level for reporting

Gross Alpha Monitoring



Summary of Results

Constituent	PHG or (MCLG)	MCL or (AL)	Actual
Arsenic	0.004 ppb	10 ppb	2.2 to 2.6 ppb
Copper	0.3 mg/L	(1.3 mg/L)	0.33 mg/L
Uranium	0.43 pCi/L	20 pCi/L	2.71 to 7.70 pCi/L
Gross Alpha	(0 pCi/L)	15 pCi/L	ND to 7.24 pCi/L

PHG Report Summary

- City wells meet all State and Federal drinking water standards set to protect public health
- Costly treatment processes would be required to reduce PHG constituents that are already below the health-based MCL
- Effectiveness of treatment processes to reduce levels of constituents at already low values is uncertain
- Health protection benefits of hypothetical reductions are not clear and may not be quantifiable
- No action is proposed

Public Health Goals Report

Presented to the City of Huntington Beach
Public Works Commission

Public Works Utilities Division

August 21, 2013



~2013~ CITY COUNCIL STUDY SESSIONS & SPECIAL SESSIONS

*This information is for agenda scheduling purposes only and is subject to change on a daily basis.
Subjects listed below are not guaranteed to appear on a City Council agenda.*

COUNCIL MEETING	TIME	SUBJECT	DEPT HEAD
2013			
<i>Jan. 7, 2013</i>		<i>No Meeting</i>	
Jan. 22, 2013		<u>Circulation Element Update</u> <u>Water Master Plan</u>	<i>Hess Hopkins</i>
<i>Feb. 4, 2013</i>		<i>Street Light RFQ</i>	<i>Hall</i>
<i>Feb. 19, 2013</i>		<i>DTSC Ascon Update</i>	<i>Hall</i>
<i>Mar. 4, 2013</i>		<i>Housing Element/ General Plan Update-Work Program</i>	<i>Hess</i>
<i>Mar. 18, 2013</i>		<i>Senior Center Update</i>	<i>Laudenback</i>
<i>April 1, 2013</i>			
<i>April 15, 2013</i>		<i>PERS Actuarial Update</i>	<i>Farrell</i>
<i>May 6, 2013</i>		<i>Mid-Year Budget Study Session</i>	<i>Farrell</i>
<i>May 20, 2013</i>		<i>Historic Context & Survey Report</i>	<i>Hess/Galvin Preservation Associates</i>
<i>June 3, 2013</i>		<u>Downtown Alcohol Recommendations/</u> <u>Downtown Surveillance Cameras Update</u>	<i>Small</i>
<i>June 17, 2013</i>		<u>CDBG – Allocations</u> <u>Conservation (Tiered) Water Rates</u>	<i>Hall Hopkins</i>
<i>July 1, 2013</i>		<u>Senior Center</u> <u>Update on projects within Beach-Edinger Corridors Specific Plan Area</u> <u>Pacific City Update</u>	<i>Hopkins Hess</i>
<i>July 15, 2013</i>		<u>Proposed FY 2013/14 Budget</u> <u>Bolsa Chica Annexation</u>	<i>Farrell Hess</i>
<i>Aug. 5, 2013</i>		<u>FY 2013/14 CIP Budget and Infrastructure Discussion</u> <u>General Plan Update</u>	<i>Farrell Hess</i>
Aug. 19, 2013		<u>Long Term Financial Plan Update</u> <u>Bicycle Master Plan</u>	<i>Farrell Hopkins</i>
Sept. 3, 2013	New	OC Water District Annexation	Hopkins
Sept. 16, 2013			
Oct. 7, 2013			
Oct. 21, 2013			
Nov. 4, 2013			
Nov. 18, 2013		IAB (Investment Advisory Board) Joint Study Session	Cutchen
Dec. 2, 2013		Mayoral Transition	
Dec. 16, 2013			

**City of Huntington Beach
Capital Improvement Program Master Schedule**

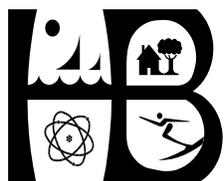
Thu 9/12/13

ID	Task Name	Duration	Start	Finish	Budget	Comments	13															
							J	A	S	O	N	D	J	F	M	A						
1	STREETS AND TRANSPORTATION	1312 days	Mon 6/21/10	Tue 6/30/15																		
2	ARTERIAL	1192 days	Mon 6/21/10	Tue 1/13/15																		
3	CC-1319 Atlanta Avenue Widening (Huntington to Delaware)	697 days	Mon 5/14/12	Tue 1/13/15	\$3,300,000	MND Approved. Delays due to litigation.																
4	Revise MND	150 days	Mon 5/14/12	Fri 12/7/12																		
5	Council approval of Revised MND	1 day	Tue 2/19/13	Tue 2/19/13																		
6	Right-of-Way Acquisition/Relocation Process	185 days	Mon 6/3/13	Fri 2/14/14																		
7	Design	110 days	Wed 1/1/14	Tue 6/3/14																		
8	Bidding/Award (3 Months)	60 days	Wed 6/4/14	Tue 8/26/14																		
9	Construction	100 days	Wed 8/27/14	Tue 1/13/15																		
10	CC-1356 Bridge Rehabilitation BPMP Program (Warner, Magnolia, & Brookhurst)	721 days	Mon 5/30/11	Mon 3/3/14	\$1,500,000	Design Complete, Delay due to Coastal Dev. Permit and WAGS																
11	Design	285 days	Mon 5/30/11	Fri 6/29/12																		
12	Caltrans Authorization to Construct (Warner)	120 days	Mon 4/9/12	Fri 9/21/12																		
13	Construction (Warner)	120 days	Tue 9/17/13	Mon 3/3/14																		
14	CC-1450-53 Bridge Rehabilitation HBRR Program (Admiralty, Humbolt, Davenport, Gilbert)	441 days	Mon 12/5/11	Mon 8/12/13	\$600,000	Under Design																
15	Caltrans Authorization to Design	241 days	Mon 12/5/11	Mon 11/5/12																		
16	Design (Admiralty, Humbolt)	200 days	Tue 11/6/12	Mon 8/12/13																		
17	CC-1376 Beach / Warner Improvements	1050 days	Mon 6/21/10	Fri 6/27/14	\$440,000	MND Approved																
18	Preliminary Design & MND	770 days	Mon 6/21/10	Fri 5/31/13																		
19	Final Design	80 days	Mon 3/10/14	Fri 6/27/14																		
20	CC-1377 Brookhurst / Adams Improvements	1115 days	Mon 6/21/10	Fri 9/26/14	\$885,000	To PC in Nov																
21	Preliminary Design & EIR	915 days	Mon 6/21/10	Fri 12/20/13																		
22	Final Design	145 days	Mon 3/10/14	Fri 9/26/14																		
23	CC-1403 Bushard / Adams Improvements	705 days	Mon 3/14/11	Fri 11/22/13	\$100,000	Study On-Going																
24	Traffic Analysis Report	705 days	Mon 3/14/11	Fri 11/22/13																		
25	CC-1424 Arterial Rehabilitation: Argosy (Bolsa Chica to Graham), Yorktown (Main to Goldenwest), 6th (Walnut to Orange)	140 days	Mon 5/6/13	Fri 11/15/13	\$200,000																	
26	Design (Argosy, Yorktown, 6th)	140 days	Mon 5/6/13	Fri 11/15/13																		
27	CC-1470 Arterial Rehabilitation Design: Main (Yorktown to Garfield), Lake (Indianapolis to Adams), Indianapolis (Beach to Brookhurst), Brookhurst (Bushard to PCH)	89 days	Wed 12/18/13	Mon 4/21/14	\$200,000	Not Started																
28	Design	89 days	Wed 12/18/13	Mon 4/21/14																		
29	CC-1433 Goldenwest (Yorktown to PCH), Garfield (Magnolia to Bushard)	278 days	Wed 11/14/12	Fri 12/6/13	\$2,705,000	Gafield Under Construction, Goldenwest in Early October																
30	Design	89 days	Wed 11/14/12	Mon 3/18/13																		
31	Bidding/Award (3 Months)	60 days	Tue 3/19/13	Mon 6/10/13																		
32	Construction	95 days	Mon 7/29/13	Fri 12/6/13																		
33	CC-1454 Beach / Edinger Improvements	376 days	Fri 3/1/13	Fri 8/8/14	\$350,000	Under Design																
34	Design	216 days	Fri 3/1/13	Fri 12/27/13																		
35	Bidding/Award (3 Months)	60 days	Mon 12/30/13	Fri 3/21/14																		
36	Construction	100 days	Mon 3/24/14	Fri 8/8/14																		
37	CC-1447 Edinger Parkway Path	197 days	Wed 2/13/13	Thu 11/14/13	\$250,000	Under Construction																
38	Design	122 days	Wed 2/13/13	Thu 8/1/13																		
39	Bidding/Award (3 Months)	10 days	Thu 8/8/13	Wed 8/21/13																		
40	Construction	54 days	Mon 9/2/13	Thu 11/14/13																		
41																						

**City of Huntington Beach
Capital Improvement Program Master Schedule**

Thu 9/12/13

ID	Task Name	Duration	Start	Finish	Budget	Comments	13															
							J	A	S	O	N	D	J	F	M	A						
128	CC-1345 LeBard Park (07/08 & 08/09)	0 days	Wed 7/18/12	Wed 7/18/12	\$205,000	Council approved contract amendment. Work underway.																
129	Environmental	0 days	Wed 7/18/12	Wed 7/18/12																		
130	CC 1390 Sports Complex - Team Room	0 days	Wed 7/18/12	Wed 7/18/12	\$162,700	On hold pending agreement with concessionaire to complete improvements																
131	Design & Procurement	0 days	Wed 7/18/12	Wed 7/18/12																		
132	Construction	0 days	Wed 7/18/12	Wed 7/18/12																		
133	Shipley Nature Center Permanent Parking Lot	60 days	Mon 6/10/13	Fri 8/30/13	\$86,250	Under Design																
134	Design	60 days	Mon 6/10/13	Fri 8/30/13																		
135																						
136	SEWER	1080 days	Mon 9/13/10	Fri 10/31/14																		
137	CC-1370 Warner Ave Gravity Sewer Main & Lift Station "C" Reconstruction	1080 days	Mon 9/13/10	Fri 10/31/14	\$6,600,000	Pre-con held																
138	Final Design of Ultimate Solution	718 days	Mon 9/13/10	Wed 6/12/13																		
139	Revised MND, Coastal Permit, and Regulatory Permits	399 days	Mon 2/6/12	Thu 8/15/13																		
140	Construction	260 days	Mon 11/4/13	Fri 10/31/14																		
141	CC-1415 Algonquin/Boardwalk Lift Station	655 days	Mon 5/2/11	Fri 11/1/13	\$2,100,000	Under Construction																
142	Design	300 days	Mon 5/2/11	Fri 6/22/12																		
143	Bidding/Award (3 Months)	60 days	Mon 6/25/12	Fri 9/14/12																		
144	Construction	295 days	Mon 9/17/12	Fri 11/1/13																		
145	CC-1401 Trinidad Lift Station	211 days	Mon 9/10/12	Mon 7/1/13	\$400,000	Under Design																
146	Design	211 days	Mon 9/10/12	Mon 7/1/13																		
147	CC-1444 Sewer Lining (12/13)	181 days	Tue 4/2/13	Tue 12/10/13	\$250,000	Awarded																
148	Design	60 days	Tue 4/2/13	Mon 6/24/13																		
149	Bidding/Award (3 Months)	60 days	Tue 6/25/13	Mon 9/16/13																		
150	Construction	57 days	Mon 9/23/13	Tue 12/10/13																		
151	CC-1443 Beach Blvd. Sewer Replacement	390 days	Mon 1/28/13	Fri 7/25/14	\$1,000,000	Under Design																
152	Design	130 days	Mon 1/28/13	Fri 7/26/13																		
153	Bidding/Award (3 Months)	60 days	Mon 7/29/13	Fri 10/18/13																		
154	Construction	200 days	Mon 10/21/13	Fri 7/25/14																		
155																						
156	WATER	1890 days	Mon 12/7/09	Fri 3/3/17																		
157	CC-1175 Southeast Reservoir & CC-1191 Southeast Transmission Main (Planning Phase Only)	983 days	Wed 12/22/10	Fri 9/26/14	\$185,000	Transmission main alignment study underway.																
158	Study	983 days	Wed 12/22/10	Fri 9/26/14																		
159	CC-1427 Well No. 8 Irrigation Project	1195 days	Mon 2/1/10	Fri 8/29/14	\$100,000	Design scope may change based on Talbert Lake																
160	Design	1140 days	Mon 2/1/10	Fri 6/13/14																		
161	Permits (Building, and may need DPH & OCWD approval)	715 days	Mon 12/5/11	Fri 8/29/14																		
162	CC-1467 Security Improvements	780 days	Mon 10/3/11	Fri 9/26/14	\$500,000	Ongoing throughout year.																
163	Construction	780 days	Mon 10/3/11	Fri 9/26/14																		
164	CC-1420 Peck Reservoir Dual Drive	1830 days	Mon 3/1/10	Fri 3/3/17	\$1,575,000	Design underway. Working on power issue with SCE.																
165	Conceptual Study	1065 days	Mon 3/1/10	Fri 3/28/14																		
166	Design	530 days	Mon 3/31/14	Fri 4/8/16																		
167	Bidding/Award (3 Months)	60 days	Mon 4/11/16	Fri 7/1/16																		
168	Construction	175 days	Mon 7/4/16	Fri 3/3/17																		
169	Well #9 GAC Filtration	1074 days	Mon 3/15/10	Thu 4/24/14	\$250,000	RFP Released																
170	Conceptual Study	1074 days	Mon 3/15/10	Thu 4/24/14																		



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 13-28

SUBMITTED TO: Chairman and Members of the Commission
SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works
DATE: September 18, 2013
SUBJECT: Trinidad Island Lift Station No. 29, Project, CC-1401

Statement of Issue: Plans and Specifications for the Trinidad Island Lift Station No. 29, Project, CC-1401 are in final preparation. Staff requests approval that the subject project is in general conformance with the previously approved CIP.

Funding Source: Funds in the amount of \$1,700,000 have been budgeted from the Sewer Fund account number 511.

Impact on Future Maintenance Costs: There will be a decrease in maintenance cost for the sewer system in this area since the project will be eliminating an old and less reliable sewer lift station, and constructing a new state of the industry lift station.

Recommended Action: Motion to approve that the Trinidad Island Lift Station No. 29, project CC 1401 is in general conformance with the previously approved CIP.

Alternative Action(s): Deny approval and recommend alternative action.

Analysis: The City of Huntington Beach Public Works Engineering and Utilities is proposing to remove and replace the existing Lift Station No. 29, (LS 29) the Trinidad Island Lift Station. LS 29 was constructed in approximately 1976. The existing concrete box structure is experiencing structural failures, due to emersion in a high chloride groundwater environment.

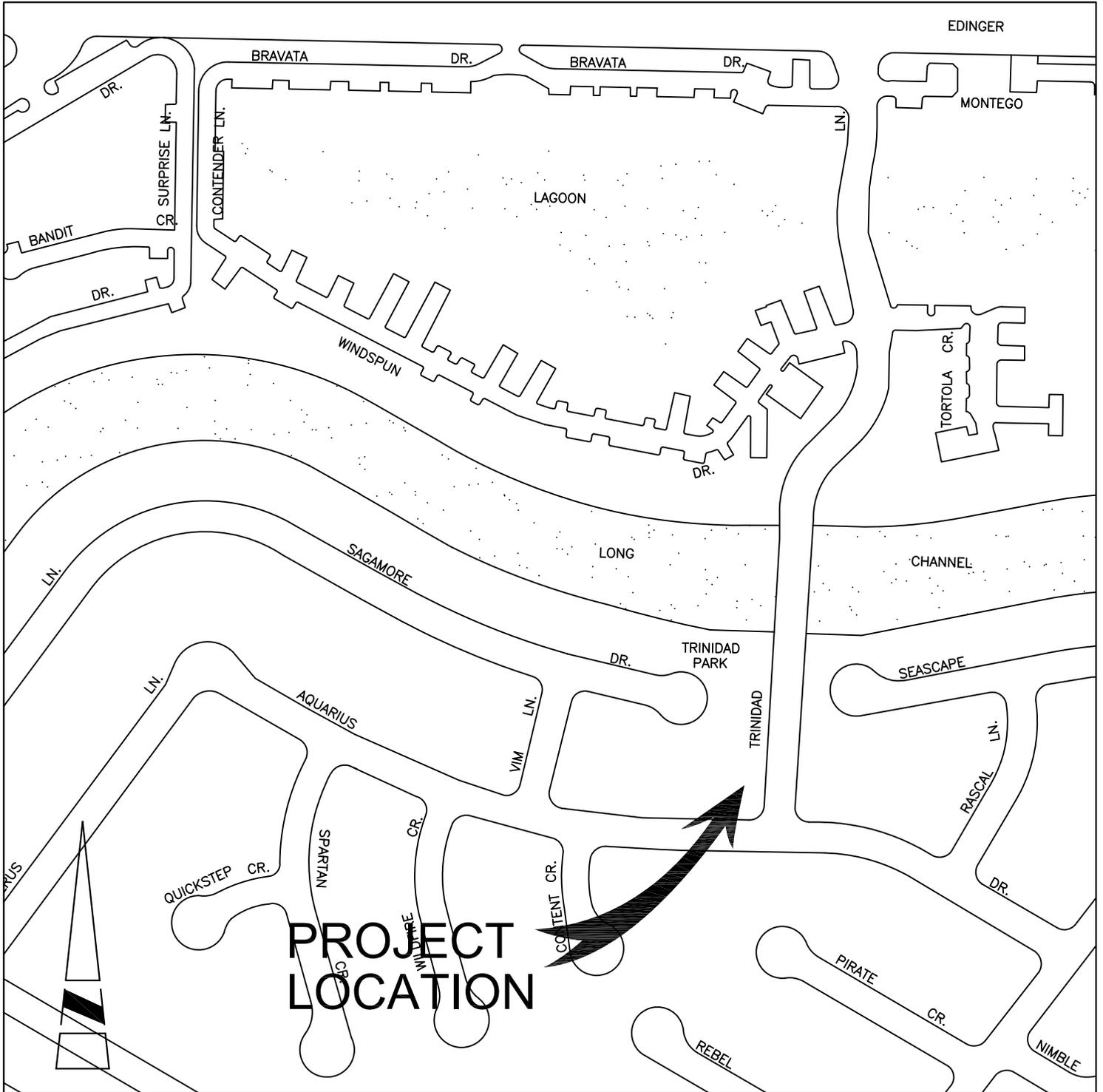
LS 29 serves the entire population of Trinidad Island in Huntington Harbour and is located in front of Conrad Park south of the intersection of Trinidad Lane and Aquarius Drive. The City is proposing to relocate the lift station approximately 200 feet to the north adjacent to Trinidad Lane within Trinidad Park. These facilities are predominately underground vaults which store sanitary sewage and pump sewage off the Island when the storage capacity has been reached.

The only above ground features will be an emergency generator, a transformer, and the control cabinets. The above ground facilities will be shielded from view by landscaping features.

Attachments:

1. Location Map

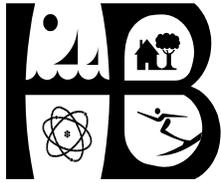
ATTACHMENT #1



VICINITY MAP

Not to Scale

TRINIDAD ISLAND LIFT STATION NO. 29, PROJECT CC1401



**CITY OF HUNTINGTON BEACH
PUBLIC WORKS COMMISSION
REQUEST FOR ACTION**

Item No. PW 13-27

SUBMITTED TO: Chairman and Members of the Commission

SUBMITTED BY: Travis K. Hopkins, PE, Director of Public Works

DATE: September 18, 2013

SUBJECT: 1st Street Storm Drain Supervisory Control and Data Acquisition (SCADA) Sewer Diversion Project, CC-1461

Statement of Issue: Plans and specifications for the 1st Street SCADA Sewer Diversion project, CC-1461 are in final preparation. Staff requests approval that the subject project is in general conformance with the previously approved CIP.

Funding Source: Funds are budgeted in the 1st Street sewer diversion account No. 10040314.82660. Sixty one percent of eligible construction costs (\$63,000) will be reimbursed to the City through Orange County Transit Authority (OCTA) Environmental Cleanup Program (ECP) Tier 2 grant funds. The City will contribute in kind funding from the General Fund in the amount of \$120,000.

Impact on Future Maintenance Costs: The proposed SCADA sewer diversion will require routine annual maintenance to ensure functionality. The estimated annual maintenance costs are \$1,252.

Recommended Action: Motion to approve that the 1st Street SCADA Sewer Diversion Project, CC-1461, is in general conformance with the previously approved CIP.

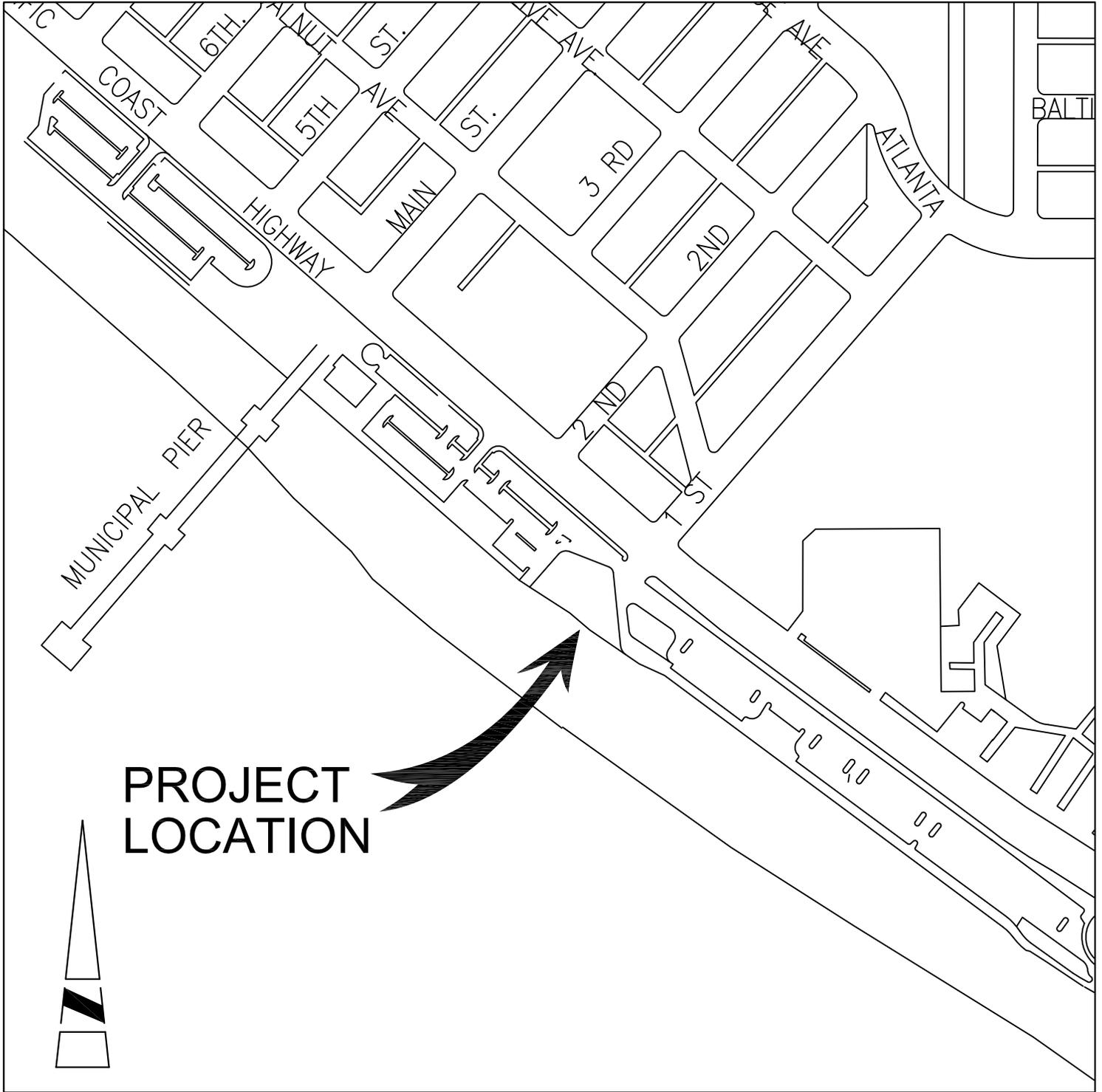
Alternative Action(s): Deny approval and recommend an alternative action.

Analysis: Presently the 1st Street Sewer Diversion is manually operated and is only permitted to divert storm water to the sanitary sewer during the non-rainy season from April 15 to October 15. The construction of this project will allow the City to divert urban runoff into the sanitary sewer on a year round basis and prevent this discharge onto the beach contributing to the improvement of the water quality of our beaches. The scope of this project includes the construction of an automated valve with remotely accessed SCADA system, which records the flow volume, and the removal of the existing manual valve.

Attachments:

1. Project Location Map

ATTACHMENT #1



**PROJECT
LOCATION**

VICINITY MAP

Not to Scale

1ST STREET SCADA SEWER DIVERSION PROJECT CC1461