

AB 617 Community Air Protection Program Steering Committee Meeting Notes

05/21/2019

6:00 pm- 8:00 pm

Perkins Elementary School (1770 Main Street, San Diego, CA 92113)

Opening Remarks

- Larry Hofreiter (Port of San Diego)
June 18th high level resolution meeting
Improving grant readiness

Approval of 4/23/19 Meeting Notes and tonight's agenda

[Meeting notes were approved](#)

- Jon Adams
Update on \$19 million grant emission
Meeting in Sacramento 5/23/19 on responsible flexible spending of grant
- License Reading
In production on 5/24/19 through 8/15/19

Public Questions/Comments

- Question: How does license reading process work?
Answer: 3 teams of 2 people with a camera at select intersections filming. Will tally heavy duty vehicles to better determine emissions.
- Question: Will they be filming all day and night?
Answer: Throughout the summer
Question: How are you going to pick the intersections?
Answer: ARB chose busy intersections.
- Question: Will there be an air quality reader while filming?
Answer: Monitoring equipment will be there as well
- Question: Will there be any personal information given from the license plate readings?
Answer: No personal information will be used
- Question: Can you know how much emissions will be given off based on the type of car?
Answer: That will be based upon the data. It will give a better idea of air quality
- Question: When will we know each reading?
Answer: Reports come every morning

Update from Engineering

Omar Rana, Assistant Engineer

Listed 3 primary focus points of Engineering Division

- Best Available Retrofit Control Technology (BARCT)
- CARB's Criteria Pollutant and Toxics Emissions Reporting (CTR) Regulation.
- Source Attribution

BARCT:

BARCT—as the name implies—is the best available & cost-effective technology that can be added to an existing emissions unit in order to reduce and control emissions. AB617 requires all industrial sources subject to the Cap and Trade program to be BARCT compliant by 2023. There are two such industrial sources in San Diego: Solar Turbines Kearny Mesa and CP Kelco. My division will be responsible for making the BARCT compliance determination. While making this determination, we will look at what technology is available and how cost-effective that technology is for the industry to implement. Also, under AB617, any emissions unit determined to be Best Available Control Technology (BACT – not limited to what can be added to an existing unit) compliant in the year 2007 or later does not need to be evaluated for BARCT. CP Kelco is located here in the Portside community which is why it is the first source we will be looking at. Our initial assessment has indicated that they are most likely to already be BARCT compliant. However, a full evaluation is planned and maybe we will discover room for improvement.

CARB is working on a technology database to make BARCT review and future permitting actions a lot easier. We have been involved in the creation of the database.

CTR: The second thing that Engineering has been working diligently on is Emissions Inventory. AB617 specifically mandates annual emissions reporting for 3 types of emissions sources.

Annual emissions reporting of criteria and toxic pollutants for industries that:

1. are required to report greenhouse gas emissions to the State
2. have criteria pollutant emissions greater than 250 tons per year
3. have a high a prioritization score under the Hot Spots program.

CARB has proposed adding an additional annual reporting requirement through the CTR regulation for pretty much all but the smallest of sources. Originally, they proposed to include only all permitted sources within an AB617 community, but the CARB Board directed staff to expand this last December. CARB had informal workshops last month for this new proposal to include most permitted sources in the state for an annual inventory and they accepted comments on this proposal. The new proposal is available for viewing and comment on CARB's website.

This increase in annual reporting is expected to be labor intensive work for both the District and permit-holders, but CARB is committed to finding ways to streamline the reporting especially for smaller source. The District understands that this will be burdensome work,

but we firmly believe that the end results will be worth it. We will be working closely with the sources, including those in this community, to ensure as painless of an implementation as possible.

Source Attribution: The third point of focus for engineering is source attribution. We will be looking at other unpermitted sources that are contributing to emissions in the community such as ships, mobile sources and vehicles, as well as studying the emissions profiles obtained from the ongoing monitoring. This will allow us to carry out source attribution and determine what contributes the most in terms of pollution which will in turn allow us to carry out an accurate cost-benefit analysis. The goal is to use our incentive fund in the most efficient manner since it is our responsibility to the community to ensure that no dollar goes to waste and emissions reductions are maximized.

- Question: When will committee see list of companies who will be doing emissions inventory?
- Answer:
- Will you integrate your goals into what is already planned? Will there be separate funding?
- Answer:

Update from Compliance Division

Mahiany Luther, Chief of Compliance

The compliance division conducts inspections to verify compliance with air pollution regulations.

Compliance activities since 3/21/19 from zip codes: 92113,91950,92102

Stationary Source Inspections – 87 inspections completed

Notifications for projects involving asbestos – 10

Air Quality Complaints Received – 5

Mobile Source Inspections:

- Off-Road- 9
- On-Road – 20
- Citations (4 for On-Road)

Notices of Violation Issued – 8

- 4 for not complying with the automotive coating rule
- 2 for operating without a permit
- 2 for failing to conduct maintenance

Outside the Portside community, since March 21 we inspected 261 trucks mostly at CHP stations and issued 71 citations.

- ✓ Input was requested regarding posting the compliance activities on the website and regarding changes to the District's webpage for the program.

- Question: Where were the inspection of trucks done?
- Answer: Barrio Logan
- Question: Were the inspections of trucks complaint driven?

- Answer: There was surveillance done and the trucks were mostly idling
- Question: What is the correlation between the CHP Inspections and citations given?
- Answer: Some trucks go to the Portside community
- Comment: Encourage to put more information on website that we are able to follow.
- Question: Who is getting the citation? The driver or company? How do you identify the responsible party?
- Answer: Citation is issued to the owner of the truck
- Question: How do you fix the citation?
- Answer: First correct deficiency, offer training to reduce the monetary penalty.
- Comment: Suggest someone from CARB come talk about this.

Updates from Planning and Incentives

Kathy Keehan: Supervising Air Resources Specialist

Funding to Reduce Emissions

- ▶ Early, extra emission reductions above and beyond what is required in regulation.
- ▶ Traditionally mobile diesel equipment
 - ▶ Marine Vessels
 - ▶ Off-road equipment like cargo handling or construction
 - ▶ Trucks and Buses
 - ▶ Fueling infrastructure (natural gas or electric)
- ▶ Must meet program timelines and cost-effectiveness requirements



Last Year's Funding

- ▶ \$2,812,500 available for projects
- ▶ Awarded projects
 - ▶ Pacific Maritime (\$1,477,970)
 - ▶ Ortiz Corporation (\$416,514)
 - ▶ SBSBTC (\$113,515)
 - ▶ Marine Group Boat Works (\$272,377)
 - ▶ TC Construction (\$485,812)



Last Year's Funding

- ▶ 81% in disadvantaged communities (DAC) (\$2,280,376), 98% in DAC or low income communities within ½ mile of DAC (\$2,766,188)
- ▶ \$46,312 remaining



Next Round - \$17.7 million project funds

- ▶ Mobile equipment (same as last year)
- ▶ Stationary projects
- ▶ Must be spent by June 30, 2022.



New Category - Schools

- ▶ Composite Wood Products
 - ▶ Tables, desks, countertops, chairs, storage cabinets
 - ▶ Fund up to 100% of cost of zero formaldehyde emissions wood products
 - ▶ School must do competitive bidding process
 - ▶ Must report annually for 3 years: number of adults and children in room and number of hours room is used



New Category - Schools

- ▶ Zero-Emission Lawn and Garden Equipment at Schools
 - ▶ Under 25 hp
 - ▶ Chainsaws, edgers, trimmers, mowers
 - ▶ Up to 70% of cost
 - ▶ Old equipment destroyed
 - ▶ Three year reporting



New Category

- ▶ School or Community Air Filtration
 - ▶ MERV 14+ filters or standalone systems
 - ▶ Funding % unknown
 - ▶ Three year reporting - number of hours of use, people in the room during use



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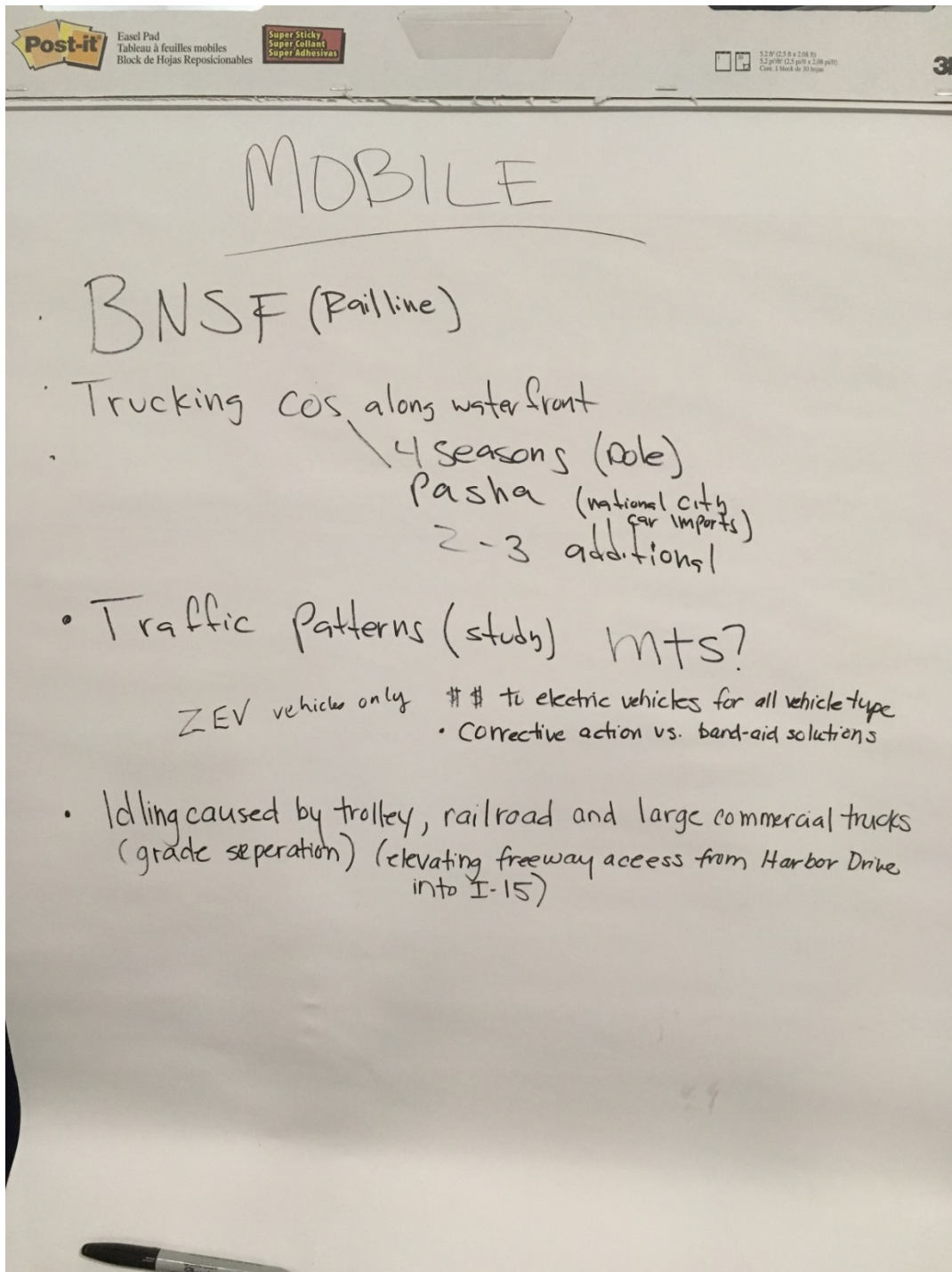


Who Should We Talk To? (Whiteboards)

- ▶ Mobile Source Projects
- ▶ Stationary Source Projects
- ▶ Others



Presentation was opened up to Committee staff for interactive session:



Outreach targets: Burlington Northern Santa Fe Railroad, trucking companies – Four Seasons (Dole subcontractor), PASHA (National City Car Imports), two or three additional companies.

Study of traffic patterns, MTS?

ZEV vehicles only – incentives to electric vehicles of all vehicle types. Corrective action vs band-aid solutions (?)

Idling caused by trolley, railroad, and large commercial trucks. Could this be addressed with a grade separation, elevating freeway access from Harbor Drive onto I-15.

Contact wellness committee/lead at school district

G&S Roofing Supply, 1775 National Ave

Our Lady School, 650 24th St, San Diego 92102 Father John Arthur

Our Lady School 744 Beardsley St, SD 92113

National City School District

Kimball Elementary School

Memorial School 92113

Logan Elementary 92113

Bandini School

Emerson School

King Chavez Elementary 92113

Dole/Four Seasons

Funds for Port District for grant writing, community resources to apply for grants

Consider scrubbers for any fixed industrial operations

Planning funding of full electrification for infrastructure such as shore power

Outreach to Port Tenants Association

Reach out to school nurses/PTA

Look/focus on school with high asthma/obesity rates

SA Recycling, IMS Recycling, EDCO Recycling

Written comments:

Barrio Logan Community Planning Group, Meet 3rd Wednesday every month, 6 p.m. at Woodberry University 2212 Main Street.

Barrio Logan College Institute

Construction Companies sited outside portside community with contracts within portside communities.

Childcare centers, pre-schools, private schools.

Chambers of Commerce: National City, Chula Vista, San Ysidro, South County CDC, Port Tenants Association, San Diego Chamber

"I think there should be more conversations with local groups, especially Environmental Health Coalition, to discuss what the community wants to do to address Air Quality issues. I think equipment replacement and air filtration projects are important, but I believe restoration projects are just as important. I believe funding should be available to local efforts to create more green spaces which help address a number of issues in the community."

"National City School District. I think that you can help Individual person that need support in National City a lot of people have problems they don't have a good transportation and live with truck that have a lot of pollution. No more infrastructure more trucks zero emission and help people to have car zero emissions or electric car. The community need help for have better transportation. Both trucks and then schools the trucks need to have zero emissions.

Continued with presentation:

Next Round

- ▶ Guidelines to the CARB Board on Thursday 5/23
- ▶ Call for applications this summer - get started now!
- ▶ Should we do a workshop to get the word out in the community?



Process Questions for Further Consideration

- ▶ \$18 million is a lot of funding and the timelines are tight. Do we fund everything that qualifies? Or do we hold out for higher emission reductions?
- ▶ If we have too many projects to fund, how should we decide what projects to include?
- ▶ Discussions at future meetings when we know more about the applications received.



Questions?

- ▶ Call us - (858) 586-2600
- ▶ Email - Cleanairgrants@sdcounty.ca.gov



Question: Are there requirements in spending in DAC?

Answer: Yes, gives stats.

Question: Does the monies not used, rollover to the next year?

Answer:

Question: Is there any kind of matching from these companies?

Answer:

Question: Is the incentive staggered or all up front?

Answer:

Question: How do you know furniture has formaldehyde?

Answer: ARB provides certification standard (sticker)

Question: Are the schools required to be low-income?

Answer: Yes

Question: How will schools know about this future incentive?

Answer: There will be outreach done.

Presentation from Monitoring
David Shina, Senior Chemist

Possible AB-617 Sites

1. Sherman Elementary School at Island Ave. & 24th St.
2. 10th Ave. Marine Terminal at Water St. & Terminal St.
3. Caltrans facility at Dewey St. & Newton Ave. (Chicano Park)
4. Caltrans property at 29th St. & Boston Ave.
5. Burbank Elementary School at Irving Ave. & S. Evans St.
6. Navy lot at W. 8th St. & E. Harbor Dr.
7. National City Train Depot at Harrison Ave. & Bay Marina Dr.
8. Kimball Elementary School at W. 18th St. & Harding Ave.

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EQUIPMENT AT THE SITES

- Met One Meteorological sensors will be placed at several sites
 - Sherman Elementary School, 10th Ave., and other sites TBD
- Equipment to be installed include:
 - Met One SuperSASS sampler for Elemental Carbon and Ions
 - Samples to be collected every 3 days
 - Met One BC-1060 analyzer for Black Carbon
 - Real-time analyzer
 - Met One E-Sequential sampler for Metals
 - Samples to be collected every 6 days
 - Xonteck 911 sampler for Volatile Organic Compounds
 - Samples to be collected every 6 days

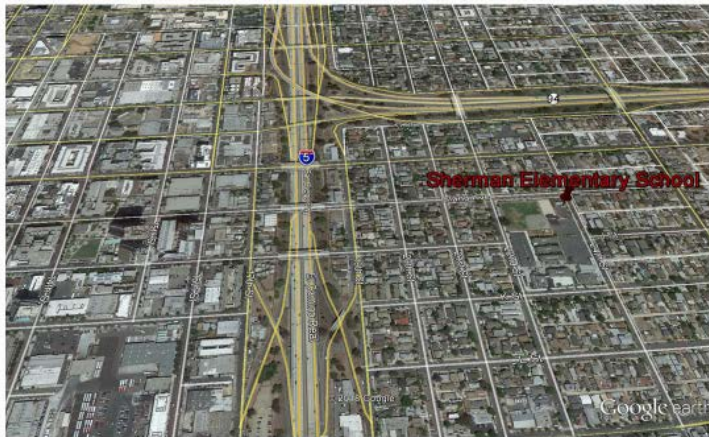
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Site 1: Sherman Elementary (status)

- MOU- signed
- Infrastructure
 - Fencing, housing, electrical- completed
 - Decking- in process
- Equipment-
 - SuperSASS (for EC)- at site; we are collecting filters
 - BC-1060 (for BC)- at District
 - E-sequential (for Metals)- at District
 - 911 sampler- on order
 - Meteorological sensors- to be ordered
 - Communication devices- to be ordered
 - PM_{2.5}- at site; real-time analysis

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Site 1: Sherman Elementary School



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Site 1: Sherman Elementary School

- Sherman is also an Ambient air monitoring station. The following equipment will be collocated there for the Ambient Network:
 - Ozone analyzer (real-time)
 - Nitrogen dioxide (real-time)
 - PM_{2.5} sampler (real-time)
 - PM_{2.5} analyzer (every 3 days sampling)
 - Volatile Organic Compounds (every 6 days sampling; overlaps with AB617 for QA purposes)
 - Metals (every 6 days sampling; overlaps with AB617 for QA purposes)

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Site 2: 10th Ave. Terminal



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Site 2: 10th Ave. Terminal

- MOU- lawyer review
- Infrastructure
 - Fencing- part of the MOU
 - Electrical- part of the MOU
- Equipment-
 - SuperSASS (for EC)- at District
 - BC-1060 (for BC)- at District
 - E-sequential (for Metals)- at District
 - 911 sampler- on order
 - Meteorological sensors- to be ordered
 - Communication devices- to be ordered

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Site 3: Caltrans-Chicano Park



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Site 3: Caltrans-Chicano Park

- MOU- being written jointly with Caltrans
- Infrastructure
 - Fencing- cannot be undertaken until the MOU is signed
 - Electrical- filling out the SDG&E paperwork
- Equipment-
 - SuperSASS (for EC)- at District
 - BC-1060 (for BC)- at District
 - E-sequential (for Metals)- at District
 - 911 sampler- on order
 - Meteorological sensors- TBD (to be ordered)
 - Communication devices- to be ordered

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Site 4: Caltrans-29th St. (birds-eye view)



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Site 4: Caltrans-29th St.

- MOU- being written jointly with Caltrans
- Infrastructure
 - Fencing- cannot be undertaken until the MOU is signed
 - Electrical- filling out the SDG&E paperwork
- Equipment-
 - SuperSASS (for EC)- to be ordered
 - BC-1060 (for BC)- to be ordered
 - E-sequential (for Metals)- to be ordered
 - 911 sampler- on order
 - Meteorological sensors- TBD (to be ordered)
 - Communication devices- to be ordered

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Site 5: Burbank Elementary School



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Site 5: Burbank

- MOU- We will need to work with the City also, since the prospective site is on both School and City property.
- Infrastructure
 - Fencing- cannot be undertaken until the MOU is signed
 - Electrical- filling out the SDG&E paperwork
- Equipment-
 - SuperSASS (for EC)- to be ordered
 - BC-1060 (for BC)- to be ordered
 - E-sequential (for Metals)- to be ordered
 - 911 sampler- on order
 - Meteorological sensors- TBD (to be ordered)
 - Communication devices- to be ordered

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Site 6: Navy Lot



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Site 6: Navy Lot

- MOU- being written
- Infrastructure
 - Fencing- cannot be undertaken until the MOU is signed
 - Electrical- filling out the SDG&E paperwork
- Equipment-
 - SuperSASS (for EC)- to be ordered
 - BC-1060 (for BC)- to be ordered
 - E-sequential (for Metals)- to be ordered
 - 911 sampler- on order
 - Meteorological sensors- TBD (to be ordered)
 - Communication devices- to be ordered

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Site 7: Train Depot



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Site 7: Train Depot

- MOU- signed
- Infrastructure
 - Fencing- waiting until the power is delivered.
 - Electrical- filling out the SDG&E paperwork
- Equipment-
 - SuperSASS (for EC)- at District
 - BC-1060 (for BC)- at District
 - E-sequential (for Metals)- at District
 - 911 sampler- on order
 - Meteorological sensors- to be ordered
 - Communication devices- to be ordered

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Site 8: Kimball Elementary School



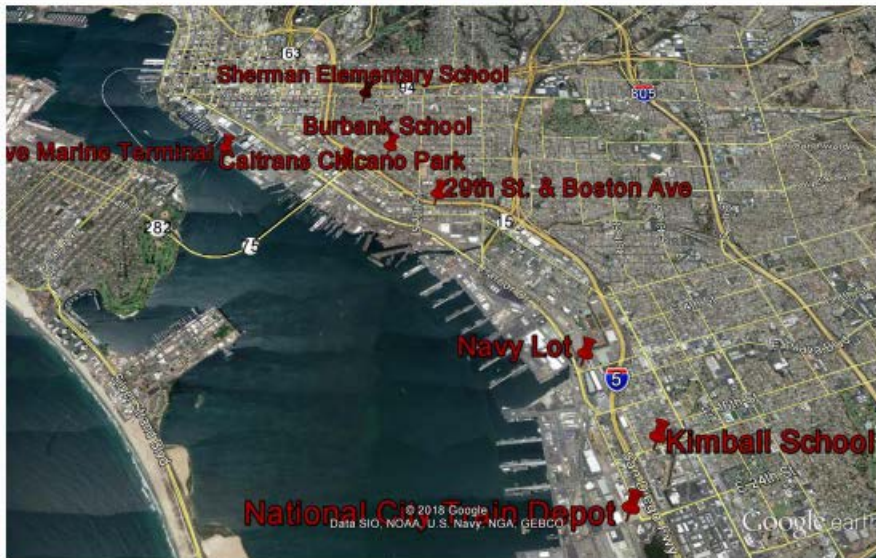
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Site 8: Kimball Elementary School

- MOU- We are meeting with the Superintendent on Friday
- Infrastructure
 - Fencing- waiting on the results of the meeting
 - Electrical- waiting on the results of the meeting
- Equipment-
 - SuperSASS (for EC)- to be ordered
 - BC-1060 (for BC)- to be ordered
 - E-sequential (for Metals)- to be ordered
 - 911 sampler- on order
 - Meteorological sensors- TBD (to be ordered)
 - Communication devices- to be ordered

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Overall Map



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- Questions: Do we have to choose from all the sites listed?
- Answer: Yes, these locations are at or near areas identified by the Steering Committee as areas of interest.
- Question: Has the City been approached about Burbank?
- Answer: No. We just got the information a few days ago.

- Question: Has Sweetwater High School been considered?
- Answer: No have not looked at Sweetwater High School.
- Question: Are the site with MOU's already approved?
- Answer: Need to get approval from Committee, property owner
- Question: Is solar power an option?
- Answer: Some require too much power draw and limited space.
- Question: How many monitoring stations are going to be installed?
- Answer: Up to 15

Next scheduled meeting is 6/25/19 at Perkins Elementary School Cafeteria (1770 Main Street, San Diego, 92113 from 6:00 pm – 8:00 pm