



Fish Contamination Education Collaborative Partners Meeting

10 AM to 12 PM

NOAA Restoration Center
501 West Ocean Blvd, Suite 3400
Long Beach, California

Attendees:

Boat People SOS (BPSOS):

Hang Nguyen

California Department of Fish and Wildlife (CDFW):

Patty Velez
Lieutenant Christian Corbo

California Department of Toxic Substance Control (DTSC):

Tim Chauvel
Daniel Cordero

Chinese Herald Community Center (CHCC):

Rebecca Soong

City of Long Beach:

Monica Cardenas

EA Engineering, Science, and Technology, Inc. (EA):

Laura Levine

Heal the Bay (HtB):

Frankie Orrala
Thomas Colbert

HDR, Inc. (HDR)

Lauren Hillman

Los Angeles County Department of Public Health (LACDPH):

Cindy Chen

LACDPH Toxicology and Environmental Assessment Branch :

Robert Vasquez
Eugene Loi

Los Angeles County Sanitation Districts (LACSD):

Chi-Li Tang

National Oceanic and Atmospheric Administration (NOAA)

Jennifer Boyce

Santa Monica Bay Restoration Commission (SMBRC):

Guang-Yu Wang

U.S. Environmental Protection Agency (EPA):

Judy Huang

SEA Lab

Linda Chilton

1. Welcome – Laura Levine, EA

Laura Levine opened the meeting by thanking partners for their participation and requested that everyone sign in. Ms. Levine reviewed the agenda and thanked NOAA for use of the facility for the meeting. She mentioned that this is an update from the last meeting in April 2017 and that data summarized in the upcoming presentations will be the period between April and December 2017.

Judy Huang of EPA introduced herself as the EPA Remedial Project Manager (RPM) who works on the community involvement and technical portions of the project. She thanked everyone for participation on the Palos Verdes Shelf (PVS) community involvement program and the success was due to the partners' efforts. Ms. Huang [presented a technical update](#) on the project including evaluations of sediment, water column, and fish tissue data from 2009 and 2013-2015.

Ms. Huang reviewed the PVS sediment study area and source of dichlorodiphenyltrichloroethane (DDT) and polychlorinated biphenyl (PCB) sediment contamination. The contamination is due to discharges of DDT from Montrose Chemical Corporation and PCBs from other industrial sources into the LACSD sewer system between 1940s and 1980s. In 2009, an Interim Record of Decision (ROD) presented the selected remedy for PVS sediment and included institutional controls, monitored natural recovery (MNR), and a 300-acre cap on the hot spot area. Institutional controls and MNR have been implemented. To date, a sediment study (2009), fish movement study (2010), sediment flux study (2011), and first MNR study (2013-2015) have been completed. New sediment, water column, and fish tissue samples were issued in November 2017.

Overall, the data shows that the contaminant concentrations have decreased since 2002/2004. Based on the fish tracking study results, white croaker spent less time at the hot spot area than expected. The sediment flux study results, which present the flux of DDT and PCB contamination from sediment into the water column, showed that the flux from locations inside and outside of the pilot cap, placed as part of the feasibility study, were generally similar. This suggests that the pilot sediment cap was not effective. Based on contaminant concentrations found on top of the pilot sediment cap, EPA suspects that the deployment of the clean layer sand cap may have resuspended contaminated sediment that then redeposited on the cap surface. Based on the first MNR study, the concentrations of DDT in sediment have decreased since the 2002/2004 data was collected. This could be attributed to sampling from more stations and that the contaminants are dechlorinating in the surface sediment (top 2 centimeters). A similar pattern was observed for PCBs, but the contamination is more spread out in the surface sediment. Based on the white croaker fish tissue sample results, the fish are contaminated throughout the area and are not limited to the hot spot area near the outfalls. The conceptual site model (CSM) and food web model in the Interim ROD will need to be updated because the correlation between the sediment and fish tissue data are not consistent with the model predictions.

The next phases of the project include a Focused Feasibility Study (FFS) scoping meeting with the Palos Verdes Shelf Technical Information Exchange Group (PVSTIEG) to evaluate the CSM and cleanup goals (May 2018), Draft FFS public comment period (Fall 2019), Final FFS (Spring 2020), Proposed Plan Public Meeting (Summer 2020), and Final ROD (Fall 2020).

During the presentation, Eugene Loi/LACDPH asked if EPA knows why the fish left the hot spot area and whether they died. EPA responded that the fish left through the gates and are unsure if they died. EPA was asked who was part of the PVSTIEG and EPA responded

that there is a list of partners such as Montrose Restoration Trustees, NOAA, USFW, CDFW, LACSD, DTSC, Port of Los Angeles, and Port of Long Beach. Tim Chauvel/DTSC asked if there is a key stakeholder list for the public meeting; he felt that it should include universities. EPA responded that there is a list, as part of the outreach, that includes universities (e.g., UCLA), local/federal/state non-government organizations (HtB), and research groups. The list will need to be updated with already identified ethnic groups (e.g., BPSOS, CHCC) and to target African Americans. Chi-Ling Tang/LACSD asked if there would be a Five-Year Review. Ms. Huang responded that there will be one, as it is required. Guang-Yu Wang/SMBRC asked if more data will be collected. Ms. Huang said additional data will not be collected to support the upcoming Five Year Review. However, additional samples will be collected from all three media (sediment, water column, and fish tissue) will be collected as part of the next MNR sampling event.

2. Angler Outreach Update

Program Outreach – Laura Levine/EA

Ms. Levine presented a summary of the program data since the last meeting in April 2017. The data summary included the total number of people contacted through the various outreach programs. See [EA's presentation slides](#) for more information. The following is a brief summary of the program outreach data.

Pier Outreach:

Includes outreach data from HtB and Cabrillo Marine Aquarium (Cabrillo).

- Angler outreach contacted 11,842 people
- 6,397 were new (54 percent)
- 9,990 were aware of the contamination (84 percent)
- ~3,500 tip cards were distributed.

Community Outreach:

Includes outreach data from HDR, BPSOS, and CHCC.

- 17 events attended, over 3,940 tip cards handed out
- Vietnamese, Chinese, Hispanic, and African American audiences
- 43 bait shops were visited, 4,420 tip cards distributed.

Ms. Levine gave an update on the print materials. Angler outreach groups received a new supply of materials in July 2017. Ms. Levine asked partners to let her know if they need more materials. Jennifer Boyce/NOAA indicated that there are still *What's the Catch* comic books and some tip cards available for the partners. CHCC, HDR, and HtB expressed interest in the materials in Spanish and Chinese.

Ms. Levine provided a graphic showing the total number of anglers contacted between April and December 2017 (combining data from Cabrillo and HtB), by month. There was a decrease in anglers contacted at the piers during the fall and winter months (October

through December 2017). Peak outreach occurred during summer/warmer months (July through September 2017). Ms. Levine pointed out the new anglers (54 percent) increased from 44 percent as compared to the last period (July 2016-March 2017). Similarly, the aware anglers (84 percent) increased from 77 percent. Ms. Levine also presented a graphic showing the distribution of tip cards handed out in each language among the angler outreach groups. HDR distributed tip cards in all four languages while BPSOS and CHCC primarily distributed English, Vietnamese, Chinese, and some Spanish. HtB and Cabrillo primarily distributed tip cards in English and Spanish.

Ms. Levine provided an update on action items discussed in the last meeting. To address comments from Fish Contamination Education Collaborative (FCEC) partners on gauging pier angler's source of contamination awareness (e.g., Do Not Consume [DNC] fish signs, angler outreach team, tip cards, internet, media, friends/family, and other), HtB and Cabrillo implemented revision to the education tally sheet to ask anglers awareness source in June 2017. Based on the data collected between June and December 2017, the primary source of pier angler awareness was the pier angler outreach team and DNC fish signs. Similarly, HDR, CHCC, and BPSOS implemented revised sign-in sheet to gauge awareness source at community events in November 2017. This data will be presented in the next meeting. Additionally, to address FCEC partner comments, HtB implemented a pilot night outreach program during August through October 2017 at Venice and Redondo Beach piers. A Fish Identification Training was held for LACDPH and City of Long Beach (24 attendees) on 20 July 2017. Dr. Michael Franklin from California State University Northridge conducted the training.

Ms. Levine provided an update on the pier sign condition. Based on pier monitoring activities, 11 DNC fish signs were identified for replacement on the Venice Beach (2), El Porto/El Segundo (1), Redondo Beach (2), Rainbow Harbor (5) and Pier J (1) piers. LACDPH will replace signs at Venice, El Porto/El Segundo, and Redondo Beach piers. The City of Long Beach will replace signs at Rainbow Harbor and Pier J.

ACTION ITEMS:

- **FCEC partners to notify Laura Levine/EA if they need additional outreach materials.**
- **FCEC partners interested in *What's the Catch* Comic book and tip cards should notify Laura Levine/EA and Jennifer Boyce/NOAA to obtain the materials.**
- **LACDPH and City of Long Beach to replace DNC fish signs and notify Laura Levine/EA once completed.**

Cabrillo Marine Aquarium Update – Laura Levine on behalf of Carl Carranza/Cabrillo

Ms. Levine presented the update for Carl Carranza of Cabrillo, who performs similar work to HtB at Cabrillo pier. Large numbers of pier anglers over the spring and summer have tapered off. The Pacific mackerel, jacksmelt, topsmelt and perch have been common catches. Some white croaker, barred sand bass, scorpion fish, and shovelnose guitarfish were also observed and reported. Bonito were caught over the summer in decent numbers.

Overall, more than half of the anglers spoken to have not had previous contact with angler outreach team and had many questions. The DNC fish signs are in ok to good condition and will continue to be monitored. During the outreach period, Cabrillo distributed a total of 561 tip cards of which 511 were in English and 50 in Spanish.

Heal the Bay Update

Frankie Orrala discussed the mission of HtB and the objectives of the pier outreach program. He listed the eight piers where HtB conducts the educational outreach, noting that they generally conduct outreach three times per week. Mr. Orrala listed the names of the people on their outreach team with the capacity to conduct the outreach in English, Spanish, and Chinese. See HtB's [presentation slides](#) for more information.

Between April and December 2017, HtB's outreach team contacted 9,336 anglers; 53 percent of those are "new" participants (meaning they hadn't received outreach previously). This is up from 49.5 percent during the last period (July 2016 through March 2017).

Additionally, 85 percent of the anglers reached were aware of the contamination which is up from 77 percent during the last period. Mr. Orrala then provided a bar graph depicting the new and repeat participants in total (all piers), by month, and then several graphs that indicated the number of participants per month by pier. The numbers showed similar trends with increased numbers of participants as the summer reached its peak in July and August 2017. Based on the data presented, spring and summer are the busiest months with the highest number of new anglers. The busiest piers are Belmont, Redondo Beach, and Venice Beach.

As mentioned earlier, the Education Tally Sheet was revised to question the source of awareness for those anglers previously aware of the contamination. The revised Education Tally Sheet was implemented in June 2017. Based on the data collected between June and December 2017, the most common awareness sources were the angler outreach team (50.9 percent) and DNC fish signs (37.5 percent). The remaining awareness sources were less influential (1.4 percent tip cards, 1.4 percent internet, 0.1 percent community events, 4.4 percent media, 2.4 percent friend/family, and 1.9 percent other [e.g., school]).

In addition to performing outreach activities during the day, night outreach was performed between August and October 2017 as a pilot to reach anglers that fish at night. The night outreach was performed at two busy piers, Venice and Redondo Beach. A total of 1,017 anglers were reached of which 76 percent were new and 81 percent were aware of the contamination. Similar to the day outreach, DNC fish signs and the angler outreach team were the most common source of angler awareness.

Mr. Orrala presented a summary of the DNC fish sign condition for the 8 piers HtB monitors. He reported a total number of 36 signs. Replacement DNC fish signs were identified at Venice Beach, Redondo Beach, Rainbow Harbor, and Pier J, as mentioned previously. Ms. Levine mentioned that HtB monitors 3 of the 5 piers with the DNC fish signs at Rainbow

Harbor. Monica Cardenas/City of Long Beach agreed to monitor the DNC fish signs at these 2 piers.

Tim Chauvel/DTSC asked if the angler outreach data collected includes age range in order to determine if children grow up with the information. Mr. Orrala responded that he notices a lot of second generation anglers while he has performed outreach over the past 10 years. In the past HtB collected age data but the EPA cannot use it due to privacy concerns. Chi-Li Tang/LACSD questioned whether it made sense to continue night outreach since the awareness percentage is high and they could be the same anglers reached during day outreach. He also questioned if there is overlap between HtB's and CDFW's outreach activities. Lt. Christian Corbo/CDFW responded that CDFW's outreach is focused on fishing violations and enforcement whereas HtB is focused on outreach to all anglers. Lt. Corbo added that white croaker is observed more at night and that the night fishers are likely repeat anglers.

ACTION ITEMS:

- ***City of Long Beach to monitor DNC fish sign condition at two of the Rainbow Harbor piers that are not tracked by HtB.***

3. Enforcement Update

Los Angeles County Department of Public Health

Cindy Chen/LACDPH spoke briefly about her group's enforcement activities, including checking invoices and displays during restaurant and market inspections. In June 2017, 10 percent of the LACDPH inspectors participated in the Fish Identification Training. Inspections were performed at 27 restaurants and 34 markets that sell fish. White croaker was not found during the restaurant inspections, but it was found in some markets. However, upon further review of the invoices, the white croaker came from China and not the PVS area. The next round of inspections will be more focused, as the first round was random. The next round will consist of calling ahead to determine how many types of fish are sold. Those with a large fish variety will be targeted. The markets and restaurants are found to have a 20-25 percent turnover rate (e.g., restaurant or market closure). Therefore, LACDPH periodically replaces the markets/restaurants and updates the list. She also mentioned that the district is divided into areas and they found that the central area (e.g., Japanese and Korean markets) sell a lot of frozen fish that look like white croaker and the invoices are incomplete.

City of Long Beach

Monica Cardenas/ City of Long Beach mentioned that the City conducts 15 inspections at ethnic markets and restaurants each quarter. As part of the inspections, the market or restaurant is asked where the fish is from and the invoice is checked. Retailers are required to purchase fish from licensed vendors. At the end of February 2018, the City will have 15 inspections completed. Many of the markets and restaurants are new and they were not

aware of the fish contamination. Some restaurants she visited sold fish but it was not an obvious menu item (e.g., Peets Burgers and Blue Star Drive-in). One Vietnamese restaurant had fish pho on the menu but they did not have the purchase invoice for the fish. The restaurant owner ended up providing an invoice for the fish and it was not white croaker. Of the inspections performed, white croaker was not found. Ms. Cardenas recently performed outreach at the Powell School Fair and the Aquarium of the Pacific Employee Fair. In March 2018, she will attend the Kid's in the Kitchen community event in Long Beach. Ms. Cardenas provided an update on the DNC fish sign replacements at Pier J and Rainbow Harbor piers. She indicated that there was a delay in obtaining the replacement signs due to budget reasons and other complications but she recently received the new signs and will distribute them for replacement. Ms. Cardenas requested a copy of the Education Tally sheet used by the angler outreach team. Ms. Levine responded that she would send a copy of the revised sheet.

California Department of Fish and Wildlife

Lieutenant Christian Corbo/CDFW introduced himself and indicated that he may take over for Cyndy Pourroy who is working on other projects. He has been with CDFW for 19 years and has 5 officers reporting to him. During enforcement activities, CDFW uses the tip cards and word of mouth to distribute the fish contamination information. He noted that greater than 50 percent of anglers are aware of the fish contamination. It has been years since CDFW observed white croaker and they are not observed in the fish markets and commercial vessels. The white croaker are more active at night although some have been observed during the day. Mr. Corbo suspects that they are not being targeted by the local fishing community.

ACTION ITEMS:

- *Laura Levine/EA to provide Ms. Cardenas/City of Long Beach the revised Education Tally sheet.*

4. Community Outreach Update

LACDPH Toxicology and Environmental Assessment Branch

Eugene Loi/LACDPH provided an overview of LACDPH activities and an update of the DNC fish sign inventory ([see LACDPH's presentation](#)). Mr. Loi indicated that in April and October 2017, approximately 50 public health nurses were hired and completed orientations. LACDPH continues to maintain and update the LACDPH Toxics Epidemiology website with fish advisories and education materials. LACDPH performed outreach to healthcare providers including obstetric and pediatrics care and delivered lectures monthly to private and county facilities. He also provided an update on the DNC fish sign inventory. LACDPH monitors 14 piers located between Santa Monica and San Pedro. Based on the most recent pier monitoring on 16 January 2018, LACDPH notes 50 total signs of which 17 will be cleaned and 9 will be replaced.

Vietnamese Outreach by Boat People SOS

Hang Nguyen summarized the community outreach activities performed between April and December 2017. She indicated that BPSOS primarily targets health fairs to reach the Vietnamese community. Specifically, the following events were attended. See [HDR's presentation](#) for more information.

- City of Westminster's 60th Anniversary – 8 April 2017
 - 500 event attendees
 - Distributed 250 Vietnamese and 250 English tip cards
- AB 540/DACA – 19-20 April 2017
 - 70 event attendees
 - Distributed 20 Vietnamese and 50 English tip cards
- Garden Grove Adult Education Health Fair – 20 July 2017
 - 250 event attendees
 - Distributed 200 Vietnamese and 150 English tip cards
- Safety Day – 7 July 2017
 - 67 event attendees
 - Distributed 30 Vietnamese and 47 English tip cards
- National Night Out – 12 August 2017
 - 40 event attendees
 - Distributed 10 Vietnamese and 30 English tip cards
- Whole Health & Community Resource Fair – 12 October 2017
 - 50 event attendees
 - Distributed 50 English tip cards

BPSOS will perform community outreach at the upcoming Vietnamese Lunar New Year Festival in February 2018. Ms. Hang mentioned that they are finding the community is not aware of the fish contamination. In addition to Vietnamese, BPSOS sees many Spanish-speaking anglers. The NOAA's *What's the Catch* comic book is popular and works to attract parents with their children. She also indicated that BPSOS will use the new sign-in sheet to gauge angler awareness next month.

Chinese Community Outreach by Chinese Herald Community Center

Rebecca Soong/CHCC summarized the community outreach activities performed between April and December 2017. Specifically, the following events were attended. See [HDR's presentation](#) for more information.

- Earth Day – 8 April 2017
 - 3,000 event attendees
 - Distributed 294 Chinese, 146 English, and 30 Spanish tip cards
- Spring Awakening – 20 May 2017
 - 500 event attendees
 - Distributed 125 Chinese, 200 English, and 100 Spanish tip cards

- 4th of July Carnival – 4 July 2016
 - 3,000 event attendees
 - Distributed 100 Chinese, 250 English, and 100 Spanish tip cards.

Ms. Soong indicated that CHCC will attend the following upcoming Chinese outreach events.

- Temple City Chinese New Year Celebration – February 2018
- San Gabriel Walkathon – March 2018
- Whittier Earth Day – April 2018
- Sierra Madre Spring Awakening Festival – May 2018
- Arcadia Veteran’s Appreciation – May 2018
- Rosemead/San Gabriel 4th of July – July 2018.

HDR, Inc., EA team subcontractor

Lauren Hillman/HDR presented an overview of community event and bait shop outreach performed between April and December 2017. See [HDR’s slides](#) for more information.

Community Events

Ms. Hillman summarized the community outreach activities. Specifically, the following events, targeting Spanish, English, and African-American groups, were attended.

- Los Angeles Department of Public Works Earth Day Celebration – 19 April 2017
 - 500 event attendees
 - Distributed 130 English, 25 Spanish, 6 Chinese, and 15 Chinese, and 7 Vietnamese tip cards
- Manhattan Beach Earth Day Celebration – 22 April 2017
 - 560 event attendees
 - Distributed 260 English, 25 Spanish, 8 Chinese, and 10 Vietnamese tip cards
- Earth Day Celebration – 23 April 2017
 - 300 event attendees
 - Distributed 200 English, 30 Spanish, 10 Chinese, and 7 Vietnamese tip cards
- Heritage of Aloha – 20 May 2017
 - 6,000 event attendees
 - Distributed 50 English, 7 Spanish, and 1 Chinese tip cards
- Lummi Day – 3 June 2017
 - 15 event attendees
 - Distributed 20 English and 10 Spanish tip cards
- Northeast Los Angeles Concert in the Park – 2 July 2017
 - 8,000 event attendees
 - Distributed 150 English and 50 Spanish tip cards
- Autumn Festival – 5 November 2017
 - 300 event attendees
 - Distributed 30 English, 15 Spanish, and 2 Vietnamese tip cards

- Cabrillo Sea Fair– 19 November 2017
 - 8,000 event attendees
 - Distributed 150 English and 50 Spanish tip cards.

HDR will attend the following upcoming community outreach events in 2018.

- Aquarium of the Pacific Underwater Parks Day – 20 January 2018
- Alhambra Lunar Festival – 24 February 2018
- Los Angeles Environmental Education Fair – 10 March 2018
- Heritage of Aloha – 19-20 May 2018.

Ms. Hillman indicated that she observed that many people are aware of the contamination from the angler outreach team. Additionally, many people that visit the FCEC booth during community events inquire about the technical progress and what is being done to clean up the contamination. The fishing game continues to be very successful at attracting children who bring their parents to the FCEC booth.

Bait Shop Outreach

Ms. Hillman also summarized the outreach activities performed at 43 bait shops located, from north to south, in Huntington Beach, Seal Beach, Long Beach, San Pedro, Redondo Beach, Hermosa Beach, Manhattan Beach, Hawthorne, Marina Del Rey, Venice, and Santa Monica. The first round of bait shop outreach was conducted in August 2017. The second round will be completed in May 2018. During the first round of bait shop outreach, HDR noticed that many of the plastic tip card holders were not there so HDR worked with the owners to repurpose holders. HDR also asked owners to distribute the FCEC information with bait shop purposed as opposed to just letting the materials sit in the bait shop for pickup. The 43 bait shops reached and tip card distribution in English (E), Spanish (S), Chinese (C), and Vietnamese (V) are bulleted below.

1. Bay Market: 50 E, 50 S, 50 C, 50 V
2. Del Rey Landing: 50 E, 50 S, 50 C, 50 V
3. West Marine (1): 20 E, 20 S, 10 C, 10 V
4. Scubahaus: 25 E
5. Big 5 Sporting Goods: 50 E, 50 S, 50 C, 50 V
6. Adventure 16: 20 E, 20 S, 20 C
7. Best Bait and Tackle: 20 E, 10 S, 10 C, 10 V
8. Manhattan Grocery: 25 E, 25 S, 25 C, 25 V
9. Manhattan Mart (NEW): 50 E, 50 S
10. Redondo Food Mart: 25 E, 25 S, 25 C, 25 V
11. Redondo Beach Sport Fishing: 25 E, 25 S, 25 C, 25 V
12. Redondo Coffee Shop & Bait: 25 E, 25 S, 25 C, 25 V
13. Liquor Depot: 25 E, 25 S, 25 C, 25 V

14. West Marine (2): 5 V
15. Catalina Liquor & Deli: 25 E, 25 S, 25 C, 25 V
16. Dawn to Dusk Liquor: 50 E, 50 S
17. Stanley's Liquor Jr. Market: 20 E, 20 S
18. Gaffey Liquor: 20 E, 20 S
19. Hello Liquor: 50 E, 25 S, 25 C, 25 V
20. Kelly Marine: 25 E, 25 S, 25 C, 25 V
21. M&P Liquor: 50 S
22. West Marine (3): 50 E, 25 S, 25 C, 25 V
23. Pacific Wilderness: 50 E, 50 S, 50 C, 50V
24. Baja Fish Gear: 25 E, 25 S, 25 C, 25 V
25. Mr. C's Liquor: 50 E, 20 S, 20 C, 20 V
26. Pete's Market: 10 E, 10 S
27. Rosa's Liquor Market: 20 E, 20 S
28. 7 Eleven (Pine Ave.): 25 E, 30 S
29. Magnolia Liquor Jr. Market: 25 E, 25 S
30. West Marine (4): 25 E, 20 S, 20 C, 20 V
31. Big Fish Bait & Tackle: 20 E, 25 S, 10 C, 10 V
32. ABC Fine Wine: 50 E, 25 S, 25 C, 25 V
33. Jimmy Caivo Bait & Tackle: 20 E, 20 S
34. Seal Beach Liquor Store: 50 E, 50 S, 50 C, 50 V
35. 7 Eleven (Ocean Blvd.): 25 E, 25 S, 25 C, 25 V
36. Charkbait: 25 E, 10 S
37. Fisherman's Hardware: 50 E, 50 S, 50 S, 50 V
38. Let's Go Fishing: 50 E, 50 S, 25 C, 25 V
39. Mahi Tackle-Sport Fishing Supplies: 75 E, 25 S, 25 C, 25 V
40. Pacific Edge Bait & Tackle: 25 E, 10 S, 25 V
41. El Don Liquor Store (NEW)
42. Seven Eleven (Pacific Coast Highway) (NEW)
43. Seven Eleven (Main Street) (NEW).

HDR continued activities to engage the Los Angeles Unified School District (LAUSD) in effort to educate non-English speaking adults through their children. HDR attended the Exposition Park Summer Day Camp and presented to 300 day campers aged 6 to 17 years old. Campers played the fishing game and took *What's the Catch* comic books and tip cards. Ms. Levine mentioned that since the last FCEC partners meeting, EPA met with HDR, BPSOS, and CHCC to share education contacts from community outreach events. HDR followed up with the contacts but they did not facilitate outreach. One educator thought the school science fairs would be a good platform but then became out of contact. Ms. Levine asked

the FCEC partners for contacts. She said we will continue to look for educational opportunities and follow-up with educators that attend the community events.

ACTION ITEMS:

- *Lauren Hillman/HDR to follow-up with contacts provided by Daniel Cordero/DTSC for LAUSD outreach.*

5. Meeting Adjournment

Ms. Huang closed the meeting with thanks to all. The next meeting will be in Fall 2018.

Ms. Huang stated that Liv Trombadore will be returning in Fall and will take over as the EPA RPM for the community involvement portion of the project.