

**Broadway Pantano (BP) Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board (CAB) Meeting**

**December 11, 2014, 6 - 8 p.m.
Eastside City Hall, 7575 E. Speedway Blvd.
Tucson, Arizona**

MINUTES

CAB Members Present: Janet Marcus, Bill Petroustson, Mark Brusseau, Jean Sabo, Michael Smith, Aubrey McMullen

CAB Members Absent: Jackie Olson, Cheri Bludau, Mike Mahan

ADEQ Staff Present: Gretchen Wagenseller, Project Manager; Caroline Oppleman, Community Involvement Coordinator (CIC); Matt Narter, Hydrologist

Members of Public Present: Molly Collins, City Tucson Water; Jim Faas, Pima County; Michael LeBlanc, Pima County Attorney's Office; Alex Yiannakakis (AMEC/Foster Wheeler/consultant for ADEQ working on draft feasibility study (FS)); Lori Ehman, City of Tucson Environmental Services; David Eaker, Pima County Department of Environmental Quality; Eric Roudebushe

1. Welcome and Introductions

The meeting began at 6:05 p.m. Ms. Janet Marcus called the meeting to order and initiated introductions.

2. Acceptance and/or Changes to May 29, 2014 Minutes

Ms. Marcus motioned to pass minutes. Mr. Michael Smith requested that Item #4 on page 2, which reads, "Mr. Smith replied about \$50,000," be removed. Ms. Jean Sabo motioned to accept the minutes with the strike on #4 of the last sentence. Mr. Mark Brusseau seconded the motion. All were in favor; none were opposed. Minutes were accepted with the change.

3. CAB Membership Clarification and Annual Co-Chair Nominations

Ms. Caroline Oppleman requested that the CAB members present confirm the members of the CAB. Ms. Gretchen Wagenseller suggested that a letter be sent to any CAB members in question asking them to respond regarding whether they are interested in being on the CAB since they have missed a lot of meetings and see if they respond. Mr. Brusseau motioned to attempt to contact the members that have not been attending for a while and inquire as to their status. Ms. Sabo seconded the motion. All were in favor and none were opposed. The motion passed.

CAB members specified that clarification request letters be sent to Mike Mahan, Cheri Bludau, Wanda Ryckman, and Dolores Fife indicating that if no response is received, the CAB will vote to terminate their membership at the next meeting.

Mr. Brusseau motioned to maintain the current CAB Co-Chairs. Ms. Sabo seconded the motion. All were in favor and none were opposed. Ms. Marcus and Mr. Petrouson will serve another term as Co-Chairs.

4. CAB Charter Update

Item tabled until the next meeting, following resolution of current CAB membership questions.

5. Community Involvement Plan (CIP)

Ms. Oppleman reviewed the new format of the CIP that is being used for all ADEQ WQARF sites; the new format clearly outlines the community involvement process, the CAB's role, the required public notices and comment periods and what's been/will be done. Mr. Brusseau asked who receives the CIP and Ms. Oppleman indicated that the CIP is available to the public. The CAB discussed that the CAB contact information contained within Appendix D of the CIP is contrary to prior discussions the CAB had regarding what specific contact information of theirs should be made available to the public. Mr. Brusseau discussed that the current CAB charter specifies only that names, email addresses and telephone numbers will be made available and therefore, the draft CIP, which indicates CAB addresses should not have been posted to the website and made available to the public.

Mr. Brusseau motioned to make every attempt as soon as possible to remove contact information not specified in the CAB charter from all documents. Mr. Aubrey McMullen seconded. All were in favor and none were opposed.

Ms. Sabo indicated that because the CAB members can be contacted by phone and/or email, then the requirement is met and they are available.

Mr. Smith shared the following comments:

- Who is the ADEQ designated spokesperson? Ms. Oppleman replied that it's the assigned Community Involvement Coordinator.
- Requested bioremediation be added to page IV, second paragraph. Mr. Brusseau recommended the language be edited to add bioremediation and other in situ methods.
- Regarding the site map, clarify Broadway North and South on the map, add the outline to the two landfills and enlarge the font.
- For local print media, requested that *Arizona Daily Star* be referenced as the publication of preference for site information in lieu of the *Daily Territorial* – this request was supported by other CAB members.

Ms. Marcus added that another outreach method for site information could be to provide information to the Councilman for Ward 2 for his weekly newsletter and/or website and the CAB discussed arranging a potential Ward 2 briefing asking that awareness be increased. Ms. Sabo previously met with the environmental person from Ward 2 and suggested they attend the CAB meetings to which they responded they only are able to be at so many meetings.

Ms. Marcus indicated she would call the Ward 2 office to set up an appointment to ask for help and that she would like Mr. Brusseau and Mr. Smith to join her at this meeting if arranged (target date January 2015). Ms. Oppleman indicated she would confer with the ADEQ legislative liaison to see what ADEQ might be able to do.

Ms. Oppleman indicated her follow up items are: work on CAB contacts in the CIP, remove the draft CIP from the ADEQ website in the morning, follow-up with regard to options for publications.

6. Comment letter from CAB to Broadway North and South Landfill Properties (see attached draft letter)

Mr. Smith distributed the draft letter to the CAB. The letter is intended for the property owner, who is the only party that has the ability to limit access to the site – and with regard to wildcat dumping. Ms. Sabo motioned that the letter be sent to owner (Broadway North) as it stands to urge him to limit the access to the area – with a carbon copy to the city. Ms. Marcus seconded the motion. All were in favor, none were opposed. The motion passed. The CAB discussed that the letter be mailed on behalf of the CAB.

The CAB discussed city requirements regarding property ownership responsibilities related to wildcat dumping. Ms. Wagenseller recommended the CAB talk to the city directly concerning city laws related to wildcat dumping. The CAB discussed potentially filing a complaint with the city. The only area observed to be an issue is Broadway North. Ms. Wagenseller indicated that she would provide the CAB with the address(es) for the property owners.

7. The Arizona Daily Wildcat News Article Follow-Up

The CAB refreshed each other about the history of this agenda item carried over from the last meeting. Mr. Petroutson indicated that he contacted the Park-Euclid/7th Street and Arizona Avenue Co-Chairs about coordinating efforts to reach out to the editor about covering the sites and they thought it was a great idea. Then he researched prior WQARF coverage by the publication and identified an article from ten years ago. Mr. Petroutson said it could be used as an example. Mr. Petroutson indicated he would download the article and send it to Mr. Smith to proceed with contacting the editor.

8. Methane Mitigation – Broadway North/South Landfill Properties (see attached ADEQ presentation)

Ms. Wagenseller reviewed the presentation slides. A CAB member asked who enforces for the City of Tucson and Ms. Wagenseller answered that it's the Fire Department in cooperation with the City of Tucson Environmental Services.

Ms. Marcus asked if the Fire Department goes out at intervals to check these things and whether they receive reports. Ms. Wagenseller indicated that reports are made to them on a quarterly basis. The CAB members discussed the historical lack of monitoring, and the Fire Department's assuming responsibility for ensuring public safety related to the methane monitoring.

9. Remedial Investigation/Feasibility Study (RI/FS) Progress (see attached ADEQ presentation)

Ms. Wagenseller reviewed the presentation slides and introduced ADEQ's new contractor who addressed the CAB by providing information about his company/role.

Ms. Marcus asked if ADEQ feels secure about the funding available for work at the site. Ms. Wagenseller stated that she cannot speak to what will happen when the new governor comes on board but that right now ADEQ has been given the money it needs to do this work – ADEQ has encumbered money to do the work it needs/plans to do this fiscal year (RI/FS work and operation and maintenance). Ms. Wagenseller added that negotiating access agreements is ongoing.

Mr. Petroutson asked about the potentially responsible party (PRP) search phase of the WQARF process, whether it's going on for the Broadway Pantano site and how it's funded. Ms. Wagenseller replied that as soon as site investigation process starts, ADEQ legal staff deals with the PRP search as a concurrent process, which is funded through the WQARF program. Mr. Petroutson asked about the status of the PRP search as it relates to the Broadway Pantano site. Ms. Wagenseller indicated that she would inquire and get back to the CAB with available information.

10. *Call to the Public

Ms. Lori Ehman asked whether the FS data gaps will be addressed in the FS or a separate report. Ms. Wagenseller replied that data gaps will be addressed in the FS and she will recommend that this information be presented to the CAB in advance of the final FS. There were no other comments.

11. Future Meeting/Agenda

Next meeting tentatively is scheduled for May 19, 2015. Agenda topics will include:

- CAB membership (confirmation/nominations/terminations)
- CAB charter update
- CIP
- *Arizona Daily Wildcat* outreach
- FS data gap analysis
- Sitewide sampling results
- Coordinated sampling with City of Tucson – results
- FS status

In the meantime, items discussed during this meeting will be carried out and ADEQ will provide the CAB with the web address for the available City of Tucson sampling results for groundwater monitoring and will explore CAB meeting notice distribution via the applicable City of Tucson Ward newsletter(s).

10. Adjournment

Ms. Sabo motioned to adjourn the meeting and Mr. Brusseau seconded the motion. All were in favor and none were opposed. The meeting adjourned at 6:56 p.m.

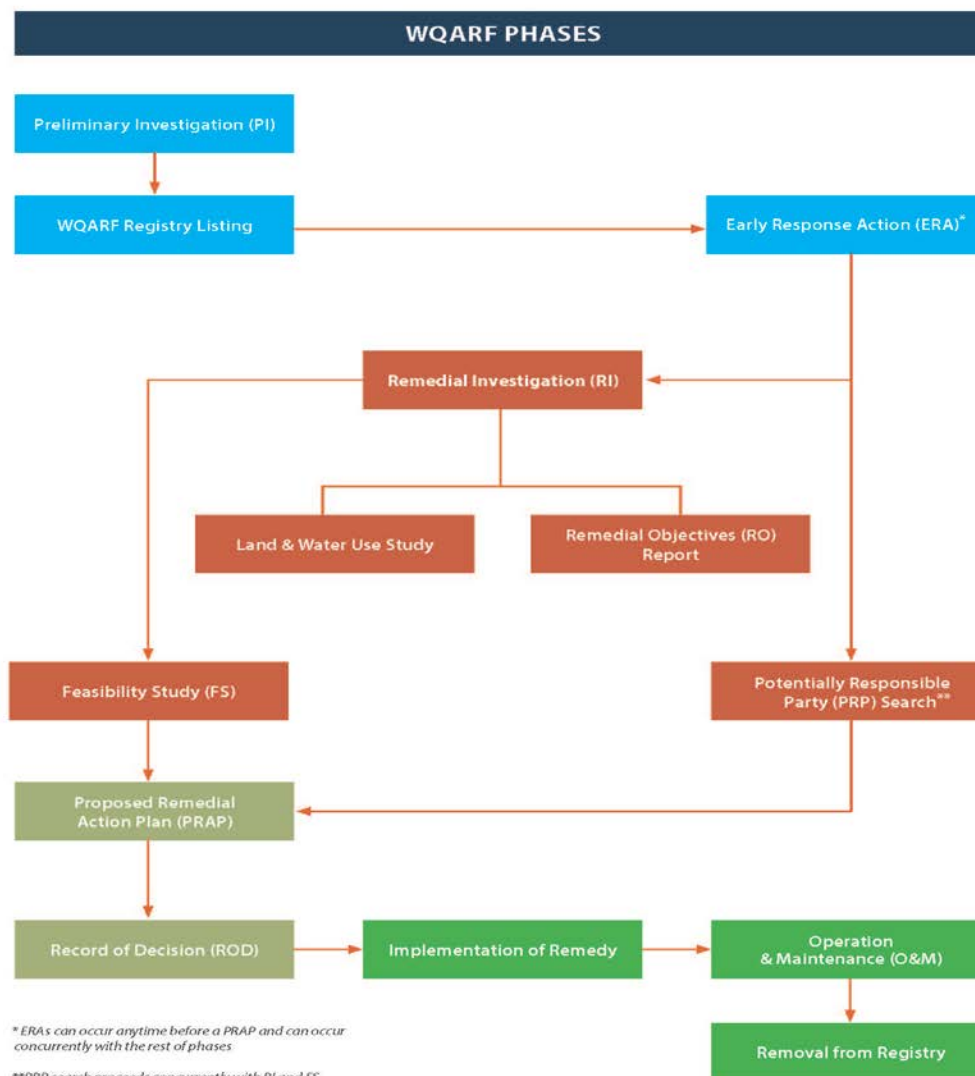
This meeting was recorded on a digital device as a record of the proceedings. To listen to a recording, or for additional information about the content of this meeting, contact ADEQ: Caroline Oppleman at 602-771-6890.



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Remedial Investigation/Feasibility Study Progress

WQARF Process Overview

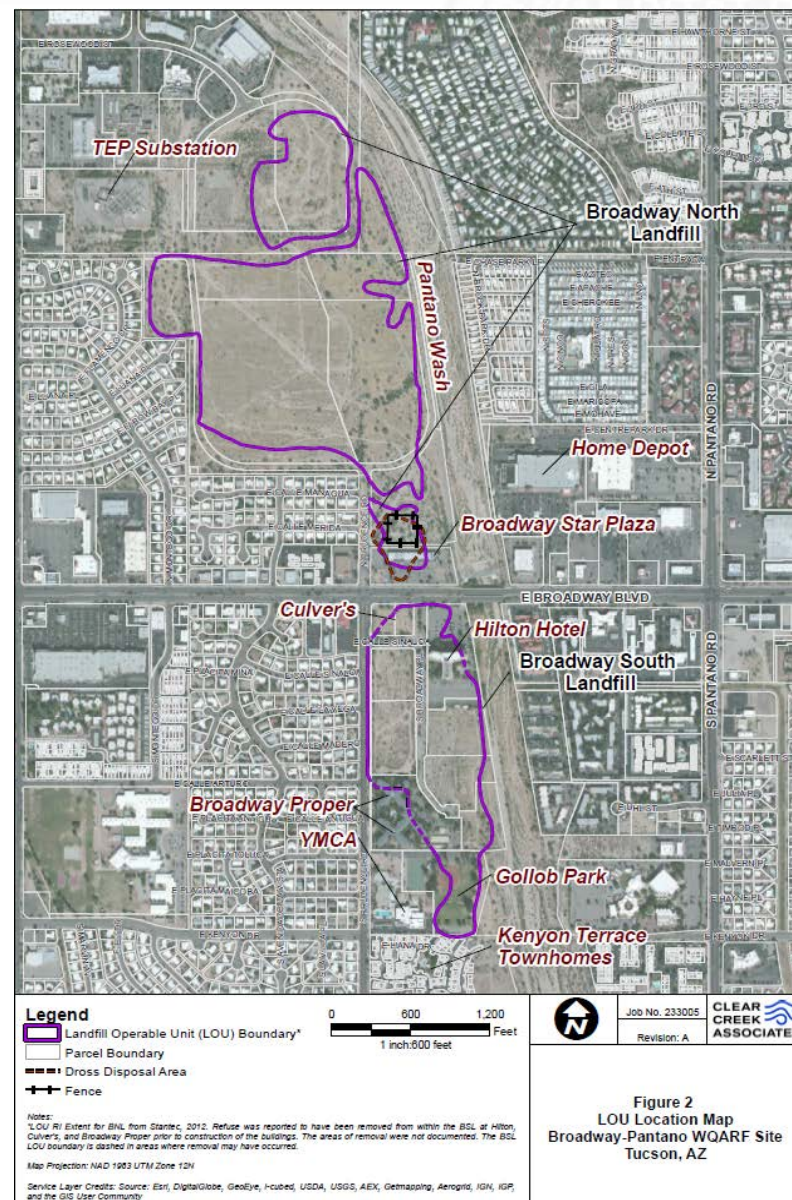


- Landfill Remedial Investigation (RI) Report and the Feasibility Study (FS) Work Plan should be finalized soon
- When finalized, there will be a public notices issued for both (and transmitted to CAB and site mail/email list).

- New Contractor - AMEC Environment & Infrastructure, Inc. (AMEC) hired on November 14, 2014.
- AMEC will be working on the FS in FY2015.
[Reminder—the FS will cover the groundwater, Broadway North Landfill (BNL) and Broadway South Landfill (BSL).]
- FY2015 is July 2014-June 2015.

FS Data Gaps

- Resample shallow soil gas at BSL.
- Resample deep nested soil gas probes at BSL.
- Inspect soil cover at BSL and BNL.
- Collect groundwater data in vicinity of WR-274A.
- Perform site-wide groundwater sampling in February 2015.

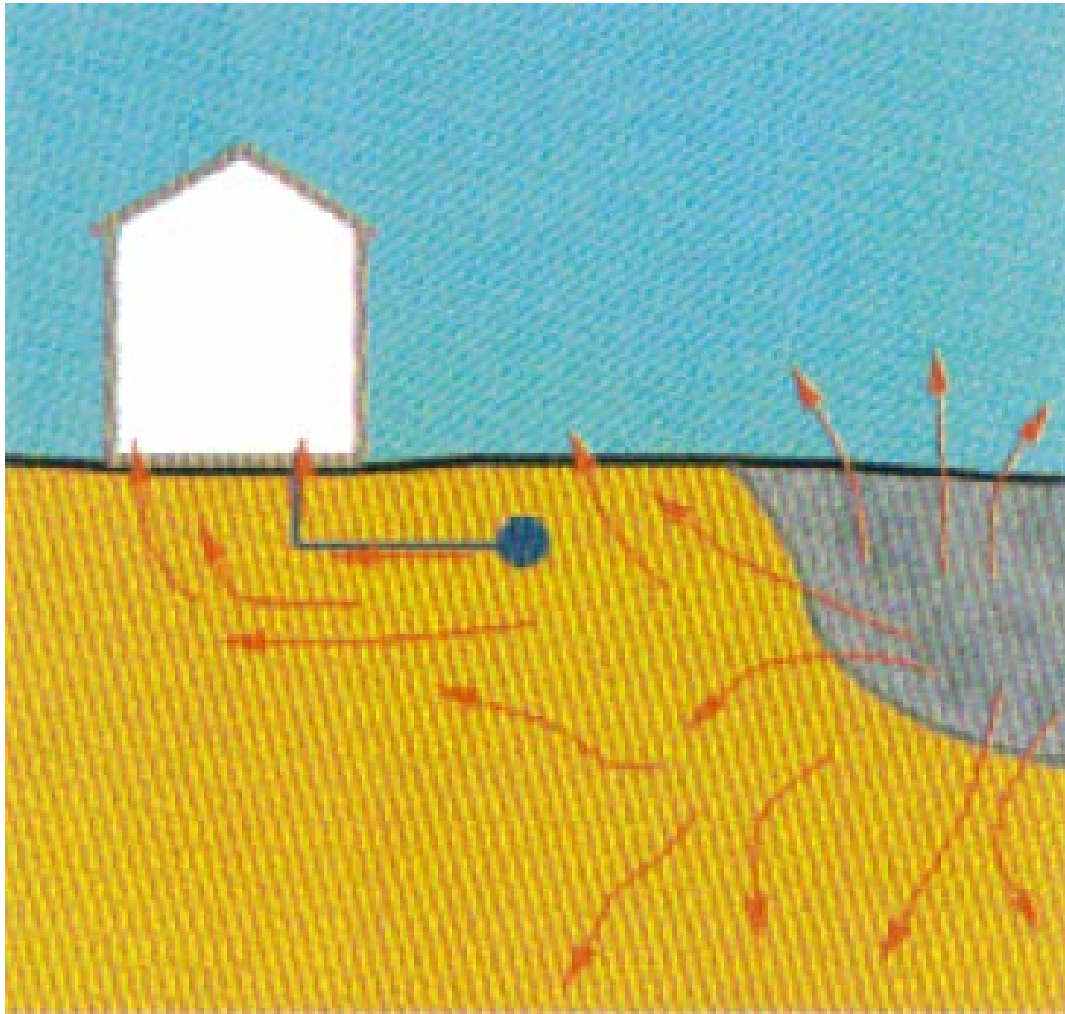


- **Schedule**
 - address FS data gaps by March 2015.
 - submit Draft FS Report by June 2015.
- **ADEQ will be consulting with the City of Tucson Environmental Services and Tucson Water during the FS process.**



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Methane Monitoring and Mitigation at Broadway
North Landfill and Broadway South Landfill



Routes of migration for gases.

- From Aplomado Environmental LLC, Tucson, AZ "Landfill Gas Primer" (with permission from author, September 16, 2014)

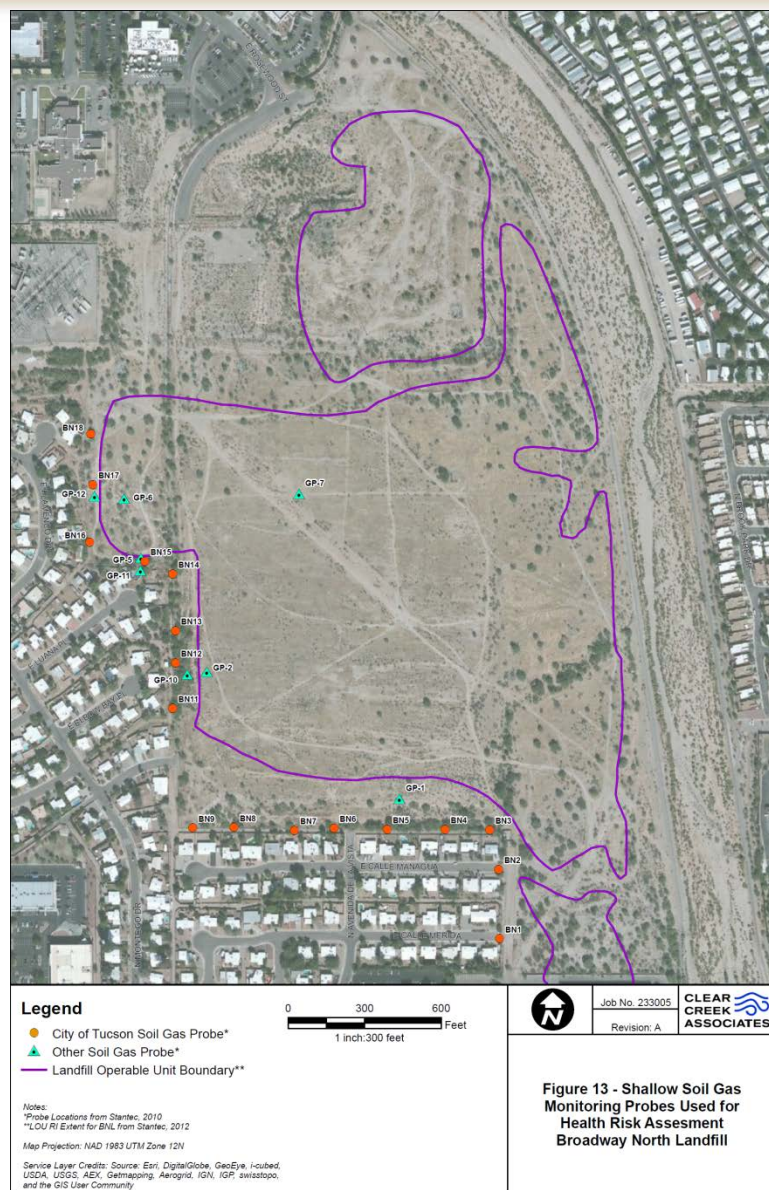
- City of Tucson Landfill Ordinance—Purpose—
”to provide reasonable measures to protect the public’s health and safety from potential adverse effects of methane gas.”
- Applies to development on or within 500 feet of the Broadway North Landfill (BNL) and Broadway South Landfill (BSL).
- COT Fire Prevention (with technical assistance provided by COT Environmental Services) implements this Ordinance.

If you want to find out more about this ordinance, you can find a copy of the ordinance at the following URL:

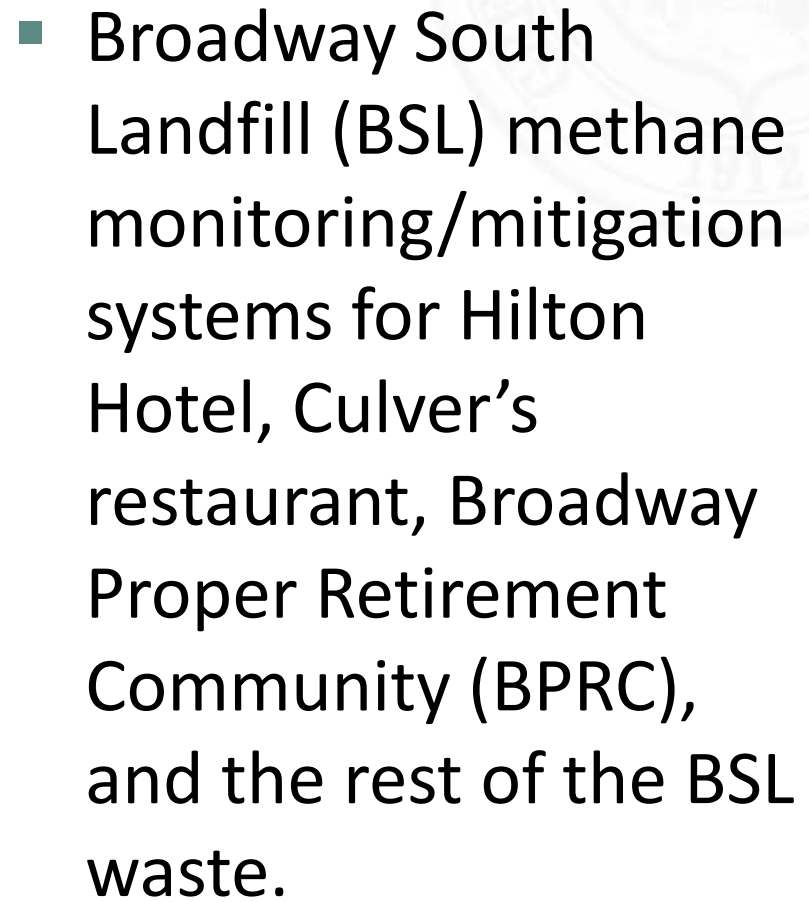
<http://pdsd.tucsonaz.gov/files/es/landfillord.pdf>

Or you can contact the City of Tucson Fire Prevention—

<http://fire.tucsonaz.gov/fire/fire-prevention>



- Broadway North Landfill (BNL) methane monitoring probes cover southwestern perimeter where residences are adjacent to BNL.
- BNL methane mitigation system covers approximately same area as the probes (no updated map available).
- Methane levels ND for all methane probes sampled on April 17, 2014.





- Prudence Landfill (PL) methane monitoring probes between Gollob Park + YMCA and between PL + Kenyon Terrace Homes.
- PL methane mitigation system extends from PL to southwest section of Gollob Park.
- Methane levels ND for all methane probes sampled on April 17, 2014.