

**From:** "Frank Opila" <franko@hevanet.com>  
**To:** "Elaine Stewart" <stewarte@metro.dst.or.us>  
**Date:** 2/12/03 7:50PM  
**Subject:** Re: Draft letter to DEQ - second call

Hi Elaine,

I suggest removing "(in addition to landfill workers)" from item 10. Perhaps it would fit better in item 1, where we talk about human receptors.

My understanding is that the risk assessment is mainly concerned with looking at exposure pathways to human and ecological receptors. Because of this, it might be better to move item 10 to the 2nd place in the list.

We could add osprey to the list of species since they may be affected by bioaccumulation of toxins in fish.

Franko

----- Original Message -----

**From:** "Elaine Stewart" <stewarte@metro.dst.or.us>  
**To:** <BillB@bio-stim.com>; <franko@hevanet.com>; "Rex Burkholder" <Burkholderr@metro.dst.or.us>; "Jim Morgan" <morganj@metro.dst.or.us>; <popdyke@pacifier.com>; <rennid@portpld.com>; <npdarden@teleport.com>; <brillobrain@ureach.com>  
**Sent:** Tuesday, February 11, 2003 3:10 PM  
**Subject:** Draft letter to DEQ - second call

Hi folks,

About 2 weeks ago, I sent a draft letter out for your review. This is the letter from the management committee to DEQ, outlining areas of interest that you would like to see included (or at least considered) in the landfill closure permit renewal work.

I've heard from only 2 of you (Troy and Holly) so far, and although this will be on our agenda for the Feb. meeting, we have another substantive issue (trails) on the agenda that needs to take most of the meeting. I am hoping that the letter will be in good enough shape that you will be comfortable approving it with little discussion at the meeting.

So to that end, please read it and get back to me with any edits. If your changes are substantive, please hit "reply all" so the others can see and respond to your suggestions.

Maybe you haven't responded because you think it looks OK as is. If that's the case, great - you don't need to email me.

Thanks for your help on this.

-Elaine

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Elaine Stewart

Smith and Bybee Lakes Wildlife Area Manager  
Metro  
600 NE Grand Avenue  
Portland, OR 97232-2736

Tel 503.797.1515  
Fax 503.797.1849  
stewarte@metro.dst.or.us

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**From:** troy clark <brillobrain@ureach.com>  
**To:** "Elaine Stewart" <stewarte@metro.dst.or.us>  
**Date:** 1/30/03 12:45PM  
**Subject:** Re: Draft letter for DEQ

hi elaine, looks great to me. enjoy, troy

--- On Thu, 30 Jan 2003, Elaine Stewart  
(stewarte@metro.dst.or.us) wrote:

> I wanted to get this out to all of you while the discussion's  
> still fresh in our minds. Please  
> review and get back to me with any changes you'd recommend.  
> If your suggestions go beyond  
> wordsmithing, please "reply all" so the group can discuss  
> them.

>  
> Thanks!  
>  
> -Elaine

> -----

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> Elaine Stewart  
> Smith and Bybee Lakes Wildlife Area Manager  
> Metro  
> 600 NE Grand Avenue  
> Portland, OR 97232-2736  
>  
> Tel 503.797.1515  
> Fax 503.797.1849  
> stewarte@metro.dst.or.us

> -----

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>  
>

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Get your own "800" number  
Voicemail, fax, email, and a lot more  
<http://www.ureach.com/reg/tag>

**From:** "Holly Michael" <Holly.B.Michael@STATE.OR.US>  
**To:** <stewarte@metro.dst.or.us>  
**Date:** 1/30/03 1:19PM  
**Subject:** Re: Draft letter for DEQ

looks fine to me

>>> "Elaine Stewart" <stewarte@metro.dst.or.us> 01/30/03 10:51AM >>>

I wanted to get this out to all of you while the discussion's still fresh in our minds. Please review and get back to me with any changes you'd recommend. If your suggestions go beyond wordsmithing, please "reply all" so the group can discuss them.

Thanks!

-Elaine

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**Smith & Bybee Lakes Wildlife Area  
Management Committee**

*Nancy Hendrickson, Chair*

**Metro**

600 NE Grand Ave.  
Portland, OR 97232  
(503) 797-1515

February 27, 2003

Tim Spencer  
Oregon DEQ  
Suite 400  
2020 SW 4<sup>th</sup> Ave.  
Portland, OR 97204

*emailed to Tim  
Spencer & Bob  
Williams 2/27/03*

Dear Tim,

The Smith and Bybee Lakes Management Committee appreciates the opportunity to comment on areas of interest for the upcoming closure permit renewal process for the St. Johns Landfill, including a Remedial Investigation/Feasibility Study and associated Risk Assessment. We anticipate a range of uses of the site and surrounding areas, including wildlife habitat and recreation. Typical recreational uses of the site include hiking (and possibly bicycling in the future), birdwatching, paddling and fishing. Metro's education program serves hundreds of children and adults at the wildlife area every year. The activities listed above occur at various locations throughout the wildlife area at this time, and they may also occur on the landfill in future years.

We would like DEQ to include many aspects of the landfill and future uses in its work with Metro. There are many questions that need to be answered in order to provide for informed decisions regarding future use and development at the landfill and nearby areas. Our areas of interest are listed below.

1. Risks associated with recreational use. What are the risks to people using a public trail that may be located on the dome or perimeter dike of the landfill? We are also interested in risks to paddlers boating in the slough and/or lakes, and anglers that catch and eat fish from the slough and lakes. Non-recreational human activities include the landfill workers performing their duties.
2. Fish and wildlife species to consider studying in the risk assessment include:
  - a. Benthic macroinvertebrates
  - b. Mussels
  - c. Crayfish
  - d. Juvenile salmonids
  - e. Amphibians
  - f. Western painted turtle
  - g. Great blue heron
  - h. Osprey
  - i. Savannah sparrow
  - j. River otter

3. Impacts to the lakes associated with water level management. Metro will be replacing the dam at the east end of North Slough with a water control structure in 2003. This will result in seasonal drawdowns of the lakes/wetlands occurring every year. Will there be changes to groundwater movement, particularly in the Bybee Lake area, and are there any associated risks?
4. Landfill stability – perimeter dike and cover/dome. We would like to see DEQ and Metro investigate the risks associated with breaches of the cover and perimeter dike, as well as the overall stability of the site.
5. Development issues. We anticipate construction of a public trail on the surface or perimeter of the landfill in future years. What risks might be associated with trail construction activities such as grading and installation of additional material (e.g., rock base, asphalt top)?
6. Other substances that may be released/piped out with the methane gas.
7. Air quality emissions.
8. Phytotoxic effects of releases on plants.
9. Will the closure permit specify allowed uses and management practices? We are very interested in any language that relates to wildlife habitat restoration and trail construction and use, as well as management requirements that may specify activities such as seeding, planting, mowing, irrigation, fertilizer use, etc. because of their relationship to habitat restoration.
10. We would like to see DEQ include the following substances in its investigation of leachate movement into groundwater with Metro:
  - a. Those that are close to or exceed drinking water standards in samples collected.
  - b. Others of interest – all that have been detected, and substances such as ammonia.
  - c. Substances for which there are TMDLs established for the Columbia Slough.
  - d. Pesticides.

Please continue to inform us as your work on the closure permit and associated investigation proceeds. This is an area of great interest for the management committee. If you have any questions or comments, please contact us through our staff person at Metro, Elaine Stewart (503-797-1515).

Sincerely,

Nancy Hendrickson  
Chair

Tim Spencer, DEQ

4-15-03

## SBMC letter

SOW - attached to permit

- thinks it addresses most of the concerns of cmte
- added ~~the~~ new lang. re stability of perimeter dikes

Open to add'l changes - get comments in

Risk assessment / SOW → \*land use important\*

- ✓ RI/FS & Risk Assessment must address use of site & any risks assoc. w/ that
- ✓ Future land use can change scope of work considerably ...
- ✓ Physical injury - e.g. sudden subsidence - may be best addressed by ongoing inspect<sup>n</sup>s & maintenance

DEQ wants to formally respond to SBMC letter after public comment period ends

**Smith & Bybee Lakes Wildlife Area  
Management Committee**

*Nancy Hendrickson, Chair*

**Metro**

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Suite 400  
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Portland, OR 97204

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Sincerely,



Nancy Hendrickson  
Chair

**From:** "Holly Michael" <Holly.B.Michael@STATE.OR.US>  
**To:** <stewarte@metro.dst.or.us>  
**Date:** 5/7/03 2:38PM  
**Subject:** Re: Draft letter for DEQ

*emailed Hr to  
 Spencer/Williams  
 5/13, mailed to  
 Frank for sig. 5/13.*

Hi Elaine,

I like the letter. Since I wasn't at the latest mtg. I may have missed this part...my only questions are:  
 1. whether we need to ask about fencing - whether it would need to be added as an approved operation. I'm thinking if trails go in, Metro may want to fence off the parts of the landfill they don't want people on.  
 2. is there any need to differentiate between trails on existing roadways (like the perimeter road) vs. constructing a new trail to a viewpoint on top). In other words, if Tim says "yes, trails are OK", do we know whether he realizes it may be a new trail built on the landfill, rather than using an existing access road.  
 Sorry I haven't been able to spend much time on this and other important S&B stuff.  
 holly

>>> "Elaine Stewart" <stewarte@metro.dst.or.us> 05/07/03 01:26PM >>>

I drafted a letter from the management committee to DEQ, including the points discussed at your last meeting. Please review if interested, and get any comments back to me by the end of the day Monday, May 12th. The letter is attached as a Word file as well as copied and pasted in this message.

Thanks.

-Elaine

U-----

May 10, 2003

Tim Spencer  
 Oregon DEQ  
 Suite 400  
 2020 SW 4th Ave.  
 Portland, OR 97204

Dear Tim,

The Smith and Bybee Lakes Management Committee has additional comments for DEQ regarding the closure permit renewal process for the St. Johns Landfill, and the Remedial Investigation/Feasibility Study and associated Risk Assessment.

#### Closure Permit

1. Public trails and wildlife habitat restoration activities should be added as approved operations in the closure permit. Trails are a very likely future use, and habitat restoration is already occurring as part of the cover and vegetation work. It is unclear where these would best fit in the permit, although we discussed locating them in section 5, 7 or 8. By including both items at this time, DEQ and Metro can avoid re-opening the permit later.
2. We would like to clarify whether item 6.3, prohibition against open burning, precludes the use of vegetation management techniques such as prescribed burns. There may be occasions when burning could be the optimum activity for establishing native plant communities and controlling weeds. Certain techniques for conducting prescribed burns (e.g., low-intensity burns using drip torches) may provide adequate protection.
3. How are catastrophic events, such as earthquakes, handled? Are they included under the closure permit?
4. In section 8.8, DEQ requires submission of engineering design plans at least six months prior to anticipated construction. Does this paragraph include trail construction?

**Clarification of Previous Letter**

Item (3) in our February 27, 2003, letter may require clarification. Our intent was to inquire whether changes with the new water management in the lakes (and consequently North Slough) could exacerbate movement of contaminants between the lakes/wetlands and groundwater. Similarly, we are interested in any impacts to contaminant movement that would be associated with changes in surface water movement.

The Smith and Bybee Lakes Management Committee anticipates that this letter and our previous letter will go into DEQ's record. We have not received a response from DEQ to our February 27, 2003, letter, and would appreciate a response from DEQ to both letters.

Please continue to inform us as your work on the closure permit and associated investigation proceeds. This is an area of great interest for the management committee. If you have any questions or comments, please contact us through our staff person at Metro, Elaine Stewart (503-797-1515)

**From:** "Frank Opila" <franko@hevanet.com>  
**To:** "Elaine Stewart" <stewarte@metro.dst.or.us>  
**Date:** 5/12/03 11:34AM  
**Subject:** Re: Draft letter for DEQ

Elaine,

Your letter looks good to me.

Franko

----- Original Message -----

**From:** "Elaine Stewart" <stewarte@metro.dst.or.us>  
**To:** <BillB@bio-stim.com>; <franko@hevanet.com>; <Michael@metro.dst.or.us>; "Jim Morgan" <morganj@metro.dst.or.us>; <Nancyh@metro.dst.or.us>; <pkjims@metro.dst.or.us>; <popdyke@pacifier.com>; <rennid@portptld.com>; <npdarden@teleport.com>; <brillobrain@ureach.com>  
**Sent:** Wednesday, May 07, 2003 1:26 PM  
**Subject:** Draft letter for DEQ

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Chair