**From:** Valdez, Heather
**To:** "Susan Hanson"
**Subject:** RE: Cessation of Gas Extraction and Treatment at Pond 15S
**Date:** Friday, June 17, 2016 9:30:00 AM
**Attachments:** image001.png
image002.png
image003.png
image004.png
image005.png
image006.png

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Hi Susan, Good morning, no text came through with the message you sent yesterday afternoon.


Heather Valdez
Chemical Engineer, Project Manager
RCRA Corrective Actions, Permits and PCBs Unit
EPA Region 10
1200 6th Ave, Suite 900, AWT-150, Seattle WA, 98101
(206) 553-6220
valdez.heather@epa.gov


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**From:** Susan Hanson [mailto:susanh@ida.net]
**Sent:** Thursday, June 16, 2016 2:08 PM
**To:** Valdez, Heather <Valdez.Heather@epa.gov>
**Cc:** Rob Hartman <Rob.J.Hartman@mwhglobal.com>; Kelly Wright <kwright@sbtribes.com>; brian.english@deq.idaho.gov; Al Lam <lam@ae-eng.com>; Ex. 6 >; vannoyj@dhw.idaho.gov; Williams, Jonathan <Williams.Jonathan@epa.gov>; Marguerite Carpenter <MARGUERITE.CARPENTER@fmc.com>; Ex. 6 >; rachel.greengas@fmc.com; Ross, Carrie <Carrie.Ross@parsons.com>; Weigel, Greg <Weigel.Greg@epa.gov>
**Subject:** Re: Cessation of Gas Extraction and Treatment at Pond 15S

Susan Hanson

On Jun 16, 2016, at 3:04 PM, "Valdez, Heather" <Valdez.Heather@epa.gov> wrote:

> Hi Susan, how are you? Did the info that Rob shared in the weekly report #305 address your question about stopping extraction on 15S? Let me know if you would like to discuss this any further.
>
> Also, regarding the question that you raised to Johnathan and I today, about some work

Johnathan is engaged with, he has shared a document with me to give me some additional context and I will touch base with him to make sure I understand your concerns and see if I have any input to offer.

Always feel free to call me if you would like to discuss anything

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**From:** Susan Hanson [mailto:susanh@ida.net]
**Sent:** Saturday, June 11, 2016 4:47 AM
**To:** Rob Hartman <Rob.J.Hartman@mwhglobal.com>
**Cc:** Valdez, Heather <Valdez.Heather@epa.gov>; Kelly Wright <kwright@sbtribes.com>; brian.english@deq.idaho.gov; Al Lam <lam@ae-eng.com>; Ex. 6 [redacted]; vannoyj@dhw.idaho.gov; Williams, Jonathan <Williams.Jonathan@epa.gov>; Marguerite Carpenter <MARGUERITE.CARPENTER@fmc.com>; Ex. 6 [redacted]; rachel.greengas@fmc.com; Ross, Carrie <Carrie.Ross@parsons.com>; Weigel, Greg <Weigel.Greg@epa.gov>
**Subject:** Re: Cessation of Gas Extraction and Treatment at Pond 15S

Rob, Heather:

My understanding from last discussion between Greg and Rob was FMC would maintain low level gas extraction at the ponds to avoid the spiking of phosphine as well as for staffing reasons.

Susan Hanson

On Jun 10, 2016, at 4:32 PM, Rob Hartman <Rob.J.Hartman@mwhglobal.com> wrote:

> In RCRA Pond UAO Weekly Report #304 / May monthly report, FMC provided notification to EPA that it will cease gas extraction and treatment at Pond 15S at the end of today's shift (1900 hours MDT) consistent with the Pond 15S Readily Implementable Work Plan (RIWP; June 10, 2014). As specified in Section 3.3 of the RIWP:
>
> > "Should the monthly GES unit source gas PH3 concentration at both (now three) standpipes decrease below 2,000 ppm as measured using the dilution box method specified in Section 4.2.2, FMC will notify EPA and cease gas extraction and treatment at Pond 15S. Monitoring will continue pursuant to the then-applicable EPA-

approved plan (e.g., this Readily Implementable Work Plan or an amended RCRA Pond Post-Closure Plan)."

The Pond 15S standpipe source gas PH3 concentrations using the dilution box method measured today, 6/10/16, were:

East standpipe- 55 ppm
SW standpipe - 84 ppm
NW standpipe - 102 ppm

Consistent with FMC's notification and the standpipe source gas concentrations measured with the dilution box method described above, gas extraction and treatment will cease at Pond 15S at the end of today's shift.