

Hanford Challenge

Hanford Challenge is submitting the following comments on behalf of members of the public who used our click comment form to send in comments and personalize them. Thank you for considering these individual public comments.



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Laura Feldman <feldman.le@everyactioncustom.com>

Wed, Jun 1, 2022 at 5:50 PM

Reply-To: feldman.le@gmail.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

Thank you for the opportunity to provide comments on the Class 2 Permit Modification to LERF and ETF on Acetonitrile. I am writing because I care about efforts to protect human and environmental health. Thank you for considering my comments:

CREATE A SOLUTION THAT DESTROYS ACETONITRILE INSTEAD OF CONCENTRATING IT:

Due to Acetonitrile's flammability, explosion risk, and hazard in low concentrations to workers, please create a solution that destroys acetonitrile instead of concentrating it into a liquid that then requires treatment and disposal.

PROTECT WORKERS FROM ACETONITRILE VAPOR HAZARDS:

More robust worker protections are needed including training on the hazard and appropriate emergency response measures; clean, compliant, fit-tested, and functional personal protective equipment, such as respirators and supplied air; real-time monitoring of acetonitrile at the point of generation and anywhere the acetonitrile is present; and alarm systems at the Low-Activity Waste facility, Effluent Management Facility, and at the Effluent Treatment Facility to ensure that workers are protected.

DON'T SEND ACETONITRILE TO PERMA-FIX NORTHWEST FOR TREATMENT:

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DON'T BURY GROUTED ACETONITRILE AT THE INTEGRATED DISPOSAL FACILITY (IDF):

As we understand it, acetonitrile is often explosive and is flammable. Due to these risks, this waste should not be grouted in a concentrated form for disposal on the Hanford site at IDF. It would be better to destroy the acetonitrile, rather than bury it at IDF where it could potentially start an underground fire.

I'm grateful to Hanford Challenge for translating this problem. I attended the recent online DOE hearing last month and found it incomprehensible.

Given the explosive and flammable nature of this material, it should not be sent to Perma-Fix NW, and not grouted and buried.

I too think it should be destroyed.

Sincerely,

Laura Feldman

Sincerely,

Laura Feldman

8515 N Foss Ave Apt C Portland, OR 97203-3679

feldman.le@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Jeanne Poirier <jeannepoirier@everyactioncustom.com>

Wed, Jun 1, 2022 at 6:22 PM

Reply-To: jeannepoirier@yahoo.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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Yet another challenge of nuclear waste to deal with - when trying to do the right thing with glass vitrification!! While I am not at all certain about how to destroy acetonitrile - I hope you do and will not require more storage of long lived poisonous hazards. Good luck and thanks again for allowing public comment and continued education about Hanford!

Sincerely,

Jeanne Poirier

PO Box 228 Cashmere, WA 98815-0228

jeannepoirier@yahoo.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Linda Greene <greenepeace@everyactioncustom.com>

Wed, Jun 1, 2022 at 10:38 PM

Reply-To: greenepeace@gmail.com

To: miyab@hanfordchallenge.org

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Add your personalized comment here

Sincerely,

Linda Greene

2227 S Forest Estates Dr Spokane, WA 99223-3402

greenepeace@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Pedro de la Torre III <coocow@everyactioncustom.com>

Fri, Jun 3, 2022 at 6:27 AM

Reply-To: coocow@gmail.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

Thank you for the opportunity to provide comments on the Class 2 Permit Modification to LERF and ETF on Acetonitrile. I am writing because I care about efforts to protect human and environmental health. Thank you for considering my comments:

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Please prioritize worker and environmental safety!

Sincerely,

Pedro de la Torre III

459 Palisade Ave Apt 4 Jersey City, NJ 07307-1523

coocow@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

James Burke <miyachan@everyactioncustom.com>

Fri, Jun 3, 2022 at 4:35 PM

Reply-To: miyachan@charter.net

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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retired executive, eighth generation Oregonian, very committed to nuclear cleanup and safety

Sincerely,

James Burke

PO Box 759 Neskowin, OR 97149-0759

miyachan@charter.net



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Diane Burke <ddb777@everyactioncustom.com>

Fri, Jun 3, 2022 at 6:15 PM

Reply-To: ddb777@charter.net

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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This permit modification takes for granted that it is possible safely to remove, concentrate and dispose of this dangerous, toxic, potentially lethal by-product of vitrification - acetonitrile, methyl-cyanide. Scientific data and commonsense dictate that destroying the chemical at its source is preferable from the points of view of worker safety, flammability and explosion hazard, community safety, and probably cost. The technology exists to destroy it. That would avoid having to build holding tanks and pipelines; transporting and processing the concentrated product, and potential harm to nearby communities from any processing accidents.

Appropriate worker training and PPE, acetonitrile gas alarm systems, and disaster protocols are of course vital.

I wholeheartedly support the above "to whom it may concern" document!

Sincerely,

Diane Burke

45960 Kinnikinnick Dr Neskowin, OR 97149-2035

ddb777@charter.net



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Lisa Brining <jeeplisa@everyactioncustom.com>

Fri, Jun 3, 2022 at 8:41 PM

Reply-To: jeeplisa@gmail.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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Estimated volume of waste stream acetonitrile per month would be welcomed. Also has SPACE waste disposal been considered?

I am afraid we are really at that point of the conversation!

Sincerely,

Lisa Brining

5513 Thornbury Dr SE Lacey, WA 98513-6411

jeeplisa@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Damon Ogle <monogle3@everyactioncustom.com>

Fri, Jun 3, 2022 at 11:46 PM

Reply-To: monogle3@gmail.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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Ad

We are concerned about nuclear waste and acetonitrile

Feel more research and data needed

Sincerely,

Damon Ogle

Neskowin, OR 97149

monogle3@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Coral Shaffer <clshaffer77@everyactioncustom.com>

Sat, Jun 4, 2022 at 12:15 PM

Reply-To: clshaffer77@gmail.com

To: miyab@hanfordchallenge.org

Dear WA State Department of Ecology Hanford Nuclear Site,

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There already more than enough health hazards at Hanford. Please take care of this one.

Sincerely,

Coral Shaffer

1616 Browne Ave Yakima, WA 98902-2452

clshaffer77@gmail.com



Miya Burke <miyab@hanfordchallenge.org>

Acetonitrile at the Effluent Treatment Facility

1 message

Robert Richard <richrocket8877@everyactioncustom.com>

Sat, Jun 4, 2022 at 3:50 PM

Reply-To: richrocket8877@gmail.com

To: miyab@hanfordchallenge.org

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The Columbia River system/ aquafer is too important to compromise. These recommendations need to be heeded. Why risk another catastrophe like what happened with the kitty litter in Las Cruces, New Mexico? I've lived along the Snake River, and presently the Spokane which empty into the Columbia system, and they're polluted too much as they are now. People should be able to count on poison free Salmon from the Columbia River. I remember when Amway use to dump acetone products in the Grand River back in Michigan. Would you like to eat a Walleye Pike from that?

Sincerely,

Robert Richard

Spokane, WA 99205

richrocket8877@gmail.com