

From: Matt Francis
To: [Worden, Michael](#); [Fieman, James](#)
Cc: [Peronard, Paul](#)
Subject: RE: Naturita Chemicals
Date: Tuesday, September 13, 2016 11:32:32 AM

If the only inventory is what is on the side of the containers and what you provided for Bucket 1 I have a few questions:

- 1) Size/type of perchloric acid container?
- 2) How much Hg? Looks like an 8oz jar maybe
- 3) Unknown Powder – any clue?
- 4) Rad Source Gamma – are all 3 of the containers in this one? What size?
- 5) Acid – looks like a 1gal and an 8oz, any idea what type?
- 6) What is “anti hydro”?
- 7) Charcoal – need disposal or throw in trash?
- 8) “Solids” container – I see bucket 1 in there. Is the bucket 1 inventory you provided for just that bucket or the entire tote?
- 9) Tote with “Unknowns, Lead, Zn Powder, Sodium Nitrate” label – anything else you can tell me about this?

From: Worden, Michael [mailto:Michael.Worden@WestonSolutions.com]
Sent: Monday, September 12, 2016 11:12 AM
To: Matt Francis <m.francis@erllc.com>; Fieman, James <James.Fieman@WestonSolutions.com>
Cc: Peronard, Paul <Peronard.Paul@epa.gov>
Subject: RE: Naturita Chemicals

Per Paul we did not perform any hazcatting of unknowns. The packing lists should be written on the side of the containers (overpacks).

Bucket #1 Inventory (weights/amounts are all approximate):

- �. 4 x 1 lb Silver Burdett
- �. 2 x 1 lb Sulfur (Sublimed)
- �. 2 x 8 oz Potassium Nitrate
- �. 1 x 1 lb Stanoxite
- �. 3 lb Furnace Retort Cement
- �. 1 empty 4 oz dropper bottle
- �. 2 oz charcoal powder
- �. 1 lb urea
- �. 1 lb potassium nitrate
- �. 3 lb 1 inch pool chlorination tablets
- �. 1 lb sodium chlorate

There were 3 containers with elevated radioactivity. One which was radium 226 (yellow cake jar) with 93% confidence on the SAM 940 had a dose of 1.114 mrem/hr, 10,200 cps class NRM. The other 2 containers with elevated radioactivity were a yellow rock and 2 black rocks. Unfortunately

the SAM 940 ran out of charge in the field.

From: Matt Francis [<mailto:m.francis@erllc.com>]
Sent: Monday, September 12, 2016 10:41 AM
To: Fieman, James <James.Fieman@WestonSolutions.com>; Worden, Michael <Michael.Worden@WestonSolutions.com>
Cc: Peronard, Paul <Peronard.Paul@epa.gov>
Subject: Naturita Chemicals

With Paul's permission, could you provide any relevant inventory info including lists, Hazcat data, pics, etc. I have the chemicals with me in Silverton, but would rather not unpack and handle to create my own inventory if it has already been done.

Thanks.

----- Original message -----

From: Matt Francis <m.francis@erllc.com>
Date: 9/12/16 9:29 AM (GMT-08:00)
To: "Petri, Elliott" <Elliott.Petri@WestonSolutions.com>
Subject: Who was there?

Who was/were the START with Paul in Naturita? I need to see if there was an inventory/hazcat/pics etc created. I've asked Paul but haven't received.

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