| DATE PREPARED: November 4, 2022 | WITNESS: N/A |
| :--- | :--- |
| DOCKET: TG-220243-220215 | Responder: Packaging Corporation of |
| REQUESTER: Basin Disposal, Inc. | America |

## DATA REQUEST NO. 24:

Produce all records relating to PCA's plans for the collection, transportation and disposal of OCC Rejects generated at PCA's Facility for the period of January 1, 2020 through May 1, 2021.

## RESPONSE:

Objection. Over broad, unduly burdensome in that the requests ask for information irrelevant to this proceeding. PCA's project plans would have considered options other than landfill disposal for the OCC Rejects. Additionally, the question also asks for confidential business information confidential. Subject to and without waiving the foregoing objections, PCA responds as follows:

For documents related to this Data Request, please see the PDF titled "PCA Responsive Documents to DR 24."

Shaded information is designated as CONFIDENTIAL per Protective Order in Dockets TG220243 \& TG-220215 as marked in documents produced in PCA’s Response to BDI Data Request No. 024.

PCA reserves the right to amend or supplement this response.

| From: | Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br>  <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C6036E8C448D446E8ADE897C8FC77307-RAMOS, CHA] |
| :--- | :--- |
| Sent: | 1/9/2020 9:40:25 PM |
| To: | Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa] |
| Subject: | FW: OCC Plant Reject Handling |

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.

## Charleston

Disposition of the reject streams from the recycled fiber plant are summarized below.
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants frogn the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.
\(\left.$$
\begin{array}{ll}\text { From: } & \begin{array}{l}\text { Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP } \\
\text { (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C6036E8C448D446E8ADE897C8FC77307-RAMOS, CHA] }\end{array}
$$ <br>

Sent: \& 1 / 17 / 2020 7:24:57 PM\end{array}\right]\)| Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group |
| :--- |
| To: |
| Subject: |$\quad$| (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4fOd9abc5ec11ebc38da-Markland,] |
| :--- |

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

Disposition of the reject streams from the recycled fiber plant are summarized below.
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

|  |  |
| :--- | :--- |
| From: | Markland, Kasey [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=55BB92FCCE1A4FOD9ABC5EC11EBC38DA-MARKLAND,] |
| Sent: | $1 / 22 / 2020$ 9:51:45 PM |
| To: | Ramos, Charleston [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=c6036e8c448d446e8ade897c8fc77307-Ramos, Cha] |
| Subject: | RE: OCC Plant Reject Handling |

Sebright Press is what we will have. For rejects flows and tonnage predictions..... what are we putting forth for the permit as far as tonnage per day? We have 3 flow balances currently.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Friday, January 17, 2020 11:25 AM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

|  |  |
| :--- | :--- |
| From: | Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C6036E8C448D446E8ADE897C8FC77307-RAMOS, CHA] |
| Sent: | $1 / 23 / 20208: 22: 31$ PM |
| To: | Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4fOd9abc5ec11ebc38da-Markland,] |
| Subject: | RE: OCC Plant Reject Handling |

Would percentage of rejects change with production rate? Higher production, higher reject rate?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Wednesday, January 22, 2020 1:52 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Sebright Press is what we will have. For rejects flows and tonnage predictions..... what are we putting forth for the permit as far as tonnage per day? We have 3 flow balances currently.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Friday, January 17, 2020 11:25 AM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not 100\% sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,

Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

Disposition of the reject streams from the recycled fiber plant are summarized below.
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

| From: | Tobin, David [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7B31B160DEE345568F3D794F235399AE-TOBIN, DAV] |
| :---: | :---: |
| Sent: | 1/24/2020 2:21:15 AM |
| To: | Cook, Dana [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=205bdee60bdd4669bb8cbc9a48536ca5-DCC060114]; Thomas, Rodney [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=4e902572df2b4feb8263a069682bf835-RKT3587] |
| CC: | Thorne, Kurt [/o=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B] |
| Subject: | Regarding feeding OCC rejects to the hog boiler |

## Dana,

Our current approach to feed rejects to the hog boiler for the OCC project cost effectively:

- Transport bales to a hopper adjacent to the boiler infeed belt
- Break up the bales with a spike pole (checked with S Feil, said based on Filer this is adequate, no shredder needed)
- Meter the rejects on to the infeed belt with the hog fuel
- Modify controls to minimize hog fuel carryover back to the pile (Spencer Brookes is working with Chris Nowack/Jeff Chesley on implementing a trial to prove it can be done)
- Also reviewed with Bill Litzenberger
- Process Barron is the likely vendor and is working on the equipment quote

David
C: (509) 430-1998

| From: | Cook, Dana [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=205BDEE60BDD4669BB8CBC9A48536CA5-DCC060114] |
| :---: | :---: |
| Sent: | 1/24/2020 2:54:29 AM |
| To: | Tobin, David [/o=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7b31b160dee345568f3d794f235399ae-Tobin, Dav] |
| CC: | Thomas, Rodney [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=4e902572df2b4feb8263a069682bf835-RKT3587]; Thorne, Kurt [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B] |
| Subject: | Re: Regarding feeding OCC rejects to the hog boiler |

When you say "break up bales with a spike pole", is this a manual task? As in a human takes a spike pole to break these up?

Dana Cook
910-523-6170

On Jan 23, 2020, at 6:21 PM, Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com) wrote:

## Dana,

Our current approach to feed rejects to the hog boiler for the OCC project cost effectively:

- <!--[if !supportLists]--><![endif]-->Transport bales to a hopper adjacent to the boiler infeed belt
- <!--[if !supportLists]--><![endif]-->Break up the bales with a spike pole (checked with S Feil, said based on Filer this is adequate, no shredder needed)
- <!--[if !supportLists]--><![endif]-->Modify controls to minimize hog fuel carryover back to the pile (Spencer Brookes is working with Chris Nowack/Jeff Chesley on implementing a trial to prove it can be done)
- <!--[if !supportLists]--><![endif]-->Also reviewed with Bill Litzenberger
- <!--[if !supportLists]--><![endif]-->Process Barron is the likely vendor and is working on the equipment quote

David
C: (509) 430-1998

| From: | Tobin, David [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=7B31B160DEE345568F3D794F235399AE-TOBIN, DAV] |
| :---: | :---: |
| Sent: | 1/24/2020 2:56:46 AM |
| To: | Cook, Dana [/o=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=205bdee60bdd4669bb8cbc9a48536ca5-DCC060114] |
| CC: | Thomas, Rodney [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=4e902572df2b4feb8263a069682bf835-RKT3587]; Thorne, Kurt <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B] |
| Subject: | RE: Regarding feeding OCC rejects to the hog boiler |

No, it will be automated in the hopper or in the conveyor coming out of the hopper.
Should have said rotating spike roll.

From: Cook, Dana [DCook@packagingcorp.com](mailto:DCook@packagingcorp.com)
Sent: Thursday, January 23, 2020 6:54 PM
To: Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com)
Cc: Thomas, Rodney [RKThomas@packagingcorp.com](mailto:RKThomas@packagingcorp.com); Thorne, Kurt [KurtThorne@packagingcorp.com](mailto:KurtThorne@packagingcorp.com); Wilhelm, Brian [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com)
Subject: Re: Regarding feeding OCC rejects to the hog boiler
When you say "break up bales with a spike pole", is this a manual task? As in a human takes a spike pole to break these up?

Dana Cook
910-523-6170

On Jan 23, 2020, at 6:21 PM, Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com) wrote:

Dana,
Our current approach to feed rejects to the hog boiler for the OCC project cost effectively:

- Transport bales to a hopper adjacent to the boiler infeed belt
- Break up the bales with a spike pole (checked with S Feil, said based on Filer this is adequate, no shredder needed)
- Meter the rejects on to the infeed belt with the hog fuel
- Modify controls to minimize hog fuel carryover back to the pile (Spencer Brookes is working with Chris Nowack/Jeff Chesley on implementing a trial to prove it can be done)
- Also reviewed with Bill Litzenberger
- Process Barron is the likely vendor and is working on the equipment quote

David
C: (509) 430-1998

| From: | Cook, Dana [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=205BDEE60BDD4669BB8CBC9A48536CA5-DCC060114] |
| :---: | :---: |
| Sent: | 1/24/2020 2:57:35 AM |
| To: | Tobin, David [/o=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=7b31b160dee345568f3d794f235399ae-Tobin, Dav] |
| CC: | Thomas, Rodney [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=4e902572df2b4feb8263a069682bf835-RKT3587]; Thorne, Kurt <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B] |
| Subject: | Re: Regarding feeding OCC rejects to the hog boiler |

Good! Thanks. I support this.

Dana Cook
910-523-6170

On Jan 23, 2020, at 6:56 PM, Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com) wrote:

No, it will be automated in the hopper or in the convevor coming out of the hopper.
Should have said rotating spike roll.

From: Cook, Dana [DCook@packagingcorp.com](mailto:DCook@packagingcorp.com)
Sent: Thursday, January 23, 2020 6:54 PM
To: Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com)
Cc: Thomas, Rodney [RKThomas@packagingcorp.com](mailto:RKThomas@packagingcorp.com); Thorne, Kurt [KurtThorne@packagingcorp.com](mailto:KurtThorne@packagingcorp.com); Wilhelm, Brian [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com)
Subject: Re: Regarding feeding OCC rejects to the hog boiler
When you say "break up bales with a spike pole", is this a manual task? As in a human takes a spike pole to break these up?

## Dana Cook

910-523-6170

On Jan 23, 2020, at 6:21 PM, Tobin, David [DavidTobin@packagingcorp.com](mailto:DavidTobin@packagingcorp.com) wrote:

Dana,
Our current approach to feed rejects to the hog boiler for the OCC project cost effectively:

- <!--[if !supportLists]--><![endif]-->Transport bales to a hopper adjacent to the boiler infeed belt
- <!--[if !supportLists]--><![endif]-->Break up the bales with a spike pole (checked with S Feil, said based on Filer this is adequate, no shredder needed)
- <!--[if !supportLists]--><![endif]-->Meter the rejects on to the infeed belt with the hog fuel
- <!--[if !supportLists]--><![endif]-->Modify controls to minimize hog fuel carryover back to the pile (Spencer Brookes is working with Chris Nowack/Jeff Chesley on implementing a trial to prove it can be done)
- <!--[if !supportLists]--><![endif]-->Also reviewed with Bill Litzenberger
- <!--[if !supportLists]--><![endif]-->Process Barron is the likely vendor and is working on the equipment quote

David
C: (509) 430-1998

| From: | Markland, Kasey [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=55BB92FCCE1A4FOD9ABC5EC11EBC38DA-MARKLAND,] |
| :--- | :--- |
| Sent: | $1 / 30 / 2020$ 11:29:12 PM |
| To: | Rachford, Skyler [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=6784500e517c498eb9db9cee3fb99590-Rachford,] |
| Subject: | FW: OCC Plant Reject Handling |

Can you get this info for him please? It should be fairly quick... just the rejects flows at each production rate.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Thursday, January 23, 2020 12:23 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Would percentage of rejects change with production rate? Higher production, higher reject rate?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Wednesday, January 22, 2020 1:52 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Sebright Press is what we will have. For rejects flows and tonnage predictions.... what are we putting forth for the permit as far as tonnage per day? We have 3 flow balances currently.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Friday, January 17, 2020 11:25 AM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handing
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

Disposition of the reject streams from the recycled fiber plant are summarized below.
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

| From: | Rachford, Skyler [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6784500E517C498EB9DB9CEE3FB99590-RACHFORD,] |
| :--- | :--- |
| Sent: | $1 / 31 / 20209: 27: 45$ PM |
| To: | Ramos, Charleston [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=c6036e8c448d446e8ade897c8fc77307-Ramos, Cha] |
| CC: | Markland, Kasey [/o=BoisePaper/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5ff64f5af9147e8b020614da2bdcee3-Markland, Kas] |
| Subject: | RE: OCC Plant Reject Handling |

## Charleston,

We currently have flow balances for the following reject steams:
Junk Tower Grapple (Rejects taken from the top of the Junk Tower; trash, plastics, styrofoam, ect.)
800 TPD Production Rate: 2 ODTPD
650 TPD Production Rate: 3 ODTPD
450 TPD Production Rate: 4 ODTPD
Sedimator (Rejects from HD, and Centrifugal cleaners; plastics, styrofoam, metals, rocks, etc.)
800 TPD Production Rate: 2 ODTPD / 35\% Consistency / 1 gpm
650 TPD Production Rate: 2 ODTPD / 34\% Consistency / 1 gpm
450 TPD Production Rate: 1 ODTPD / 32\% Consistency / 1 gpm
Compax (Rejects from Combisorter and Process Sidehill Screens)
800 TPD Production Rate: 32 ODTPD / 40\% Consistency / 13 gpm
650 TPD Production Rate: 23 ODTPD / 40\% Consistency / 10 gpm
450 TPD Production Rate: 17 ODTPD / 40\% Consistency / 7 gpm

Drum Screen (Rejects form Intensamaxx)
800 TPD Production Rate: 26 ODTPD / 20\% Consistency / 21 gpm
650 TPD Production Rate: 25 ODTPD / 20\% Consistency / 20 gpm
450 TPD Production Rate: 18 ODTPD / 20\% Consistency / 14 gpm
We do not currently have flow balanced for the effluent and ragger tail streams but l'll let you know when those become available.

Let me know if you have any more questions,
Skyler

From: Markland, Kasey
Sent: Thursday, January 30, 2020 3:29 PM
To: Rachford, Skyler [SkylerRachford@packagingcorp.com](mailto:SkylerRachford@packagingcorp.com)
Subject: FW: OCC Plant Reject Handling
Can you get this info for him please? It should be fairly quick... just the rejects flows at each production rate.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Thursday, January 23, 2020 12:23 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Would percentage of rejects change with production rate? Higher production, higher reject rate?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Wednesday, January 22, 2020 1:52 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Sebright Press is what we will have. For rejects flows and tonnage predictions..... what are we putting forth for the permit as far as tonnage per day? We have 3 flow balances currently.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Friday, January 17, 2020 11:25 AM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

Disposition of the reject streams from the recycled fiber plant are summarized below.
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

| From: | Rachford, Skyler [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6784500E517C498EB9DB9CEE3FB99590-RACHFORD,] |
| :--- | :--- |
| Sent: | $1 / 31 / 20209: 27: 45$ PM |
| To: | Ramos, Charleston [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=c6036e8c448d446e8ade897c8fc77307-Ramos, Cha] |
| CC: | Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4f0d9abc5ec11ebc38da-Markland,] |
| Subject: | RE: OCC Plant Reject Handling |

Charleston,
We currently have_flow balances for the following reject steams:
Junk Tower Grapple (Rejects taken from the top of the Junk Tower; trash, plastics, styrofoam, ect.)
800 TPD Production Rate: 2 ODTPD
650 TPD Production Rate: 3 ODTPD
450 TPD Production Rate: 4 ODTPD
Sedimator (Rejects from HD, and Centrifugal cleaners; plastics, styrofoam, metals, rocks, etc.)
800 TPD Production Rate: 2 ODTPD / 35\% Consistency / 1 gpm
650 TPD Production Rate: 2 ODTPD / 34\% Consistency / 1 gpm
450 TPD Production Rate: 1 ODTPD / 32\% Consistency / 1 gpm
Compax (Rejects from Combisorter and Process Sidehill Screens)
800 TPD Production Rate: 32 ODTPD / 40\% Consistency / 13 gpm
650 TPD Production Rate: 23 ODTPD / 40\% Consistency / 10 gpm
450 TPD Production Rate: 17 ODTPD / 40\% Consistency / 7 gpm

## Drum Screen (Rejects form Intensamaxx)

800 TPD Production Rate: 26 ODTPD / 20\% Consistency / 21 gpm
650 TPD Production Rate: 25 ODTPD / 20\% Consistency / 20 gpm
450 TPD Production Rate: 18 ODTPD / 20\% Consistency / 14 gpm
We do not currently have flow balanced for the effluent and ragger tail streams but l'll let you know when those become available.

Let me know if you have any more questions,

Skyler

From: Markland, Kasey
Sent: Thursday, January 30, 2020 3:29 PM
To: Rachford, Skyler [SkylerRachford@packagingcorp.com](mailto:SkylerRachford@packagingcorp.com)
Subject: FW: OCC Plant Reject Handling
Can you get this info for him please? It should be fairly quick... just the rejects flows at each production rate.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Thursday, January 23, 2020 12:23 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Would percentage of rejects change with production rate? Higher production, higher reject rate?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Wednesday, January 22, 2020 1:52 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling
Sebright Press is what we will have. For rejects flows and tonnage predictions $\qquad$ what are we putting forth for the permit as far as tonnage per day? We have 3 flow balances currently.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Friday, January 17, 2020 11:25 AM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Do you have estimates on the amounts for the rejects streams?

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, November 14, 2019 2:24 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Subject: RE: OCC Plant Reject Handling

Updates are below as far as it is currently known..
The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent offsite for disposal.

The rejects streams from the Junktower (JT 60/54) and Sedimator (SMF 28.2) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. These streams will be sent offsite for disposal.

The reject stream sent to the Sebright Press (not $100 \%$ sure what press we will have here) are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com)
Sent: Tuesday, November 12, 2019 12:37 PM
To: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Davis, Nick [NickDavis@packagingcorp.com](mailto:NickDavis@packagingcorp.com)
Subject: OCC Plant Reject Handling

Kasey/Nick,
Based on the process flow diagram attached and the information Kasey provided yesterday, I wrote the following to explain how the OCC rejects will be handled. Please review and let me know your comments/suggestions.

Thank you.
Charleston

The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash. This stream will be sent to a local scrap metal vendor for recycling.

The rejects streams from the trashwell (TW 1800), drumscreen (Reject Compactor ReCO50), and Sedimator (ReSed 340F) compose of various size trash like plastics, Styrofoam, metals, rocks, etc. This streams will be sent offsite for disposal.

The reject stream sent to the Reject Press SCS454 are fibrous fine rejects with small size contaminants from the fine screens. This stream will be sent to the Hogged Fuel Boiler for energy recovery.

From: Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP<br>Sent: $\quad$ 4/1/2020 4:36:37 PM<br>To: Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group<br>(FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa]<br>Subject: RE: Combisorter / Rejects Question<br>Attachments: July 2012 OCC Rejects inspection letter.pdf; Appendix D - Wallula OCC PFD.pdf

Paul,
Here is the description of the rejects stream identification as we discussed yesterday.
The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.
(1) The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash.
(2) The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
(3) The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:
(1) the lightweight rejects from the combisorter,
(2) the quarternary screens rejects from the forward and fine screens,
(3) the secondary screen rejects from the lightweight cleaners, and
(4) the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

## Hi ,

The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,

Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question

Hi again,
Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.

Thanks,
Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov
From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question
Hi Paul/Charleston,
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?

Thanks,

Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov

| From: | Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C6036E8C448D446E8ADE897C8FC77307-RAMOS, CHA] |
| :--- | :--- |
| Sent: | $4 / 1 / 20207: 05: 57$ PM |
| To: | Davis, Nick [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=59548d657bce4e2c93fafc583ac2f53a-Davis, Nic]; Markland, Kasey |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4f0d9abc5ec11ebc38da-Markland,] |
| CC: | Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa] |
| Subject: | FW: Combisorter / Rejects Question |
| Attachments: | July 2012 OCC Rejects inspection letter.pdf; Appendix D - Wallula OCC PFD.pdf |

## Kasey/Nick,

Here is the description of the rejects stream identification as I understand from our conversations and the PFD. I am hoping to answer Ecology's questions on the waste segregation and make sure we can meet the Air Permit conditions that'll be imposed on the reject streams. Could you review my description below and let me know if you have comments/corrections:

The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.
(1) The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash.
(2) The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
(3) The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:
(1) the lightweight rejects from the combisorter,
(2) the quarternary screens rejects from the forward and fine screens,
(3) the secondary screen rejects from the lightweight cleaners, and
(4) the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Department of Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

Thank you.
Charleston

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

## Hi,

The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,

Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question

Hi again,
Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.

Thanks,

Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffo!@ecy.wa.gov
From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul[PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question

I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?
Thanks,

Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov

From: Markland, Kasey [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=55BB92FCCE1A4F0D9ABC5EC11EBC38DA-MARKLAND,]<br>Sent: $\quad 4 / 2 / 2020$ 8:18:03 PM<br>To: Rachford, Skyler [/o=PackagingCorp/ou=Exchange Administrative Group<br>(FYDIBOHF23SPDLT)/cn=Recipients/cn=6784500e517c498eb9db9cee3fb99590-Rachford,]<br>Subject: FW: Combisorter / Rejects Question<br>Attachments: July 2012 OCC Rejects inspection letter.pdf; Appendix D - Wallula OCC PFD.pdf

Looks pretty good to me... see anything I'm missing?

From: Ramos, Charleston
Sent: Wednesday, April 1, 2020 12:06 PM
To: Davis, Nick [NicolisDavis@packagingcorp.com](mailto:NicolisDavis@packagingcorp.com); Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Cc: Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: FW: Combisorter / Rejects Question
Kasey/Nick,
Here is the description of the rejects stream identification as I understand from our conversations and the PFD. I am hoping to answer Ecology's questions on the waste segregation and make sure we can meet the Air Permit conditions that'll be imposed on the reject streams. Could you review my description below and let me know if you have comments/corrections:

The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.
(1) The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash.
(2) The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
(3) The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:
(1) the lightweight rejects from the combisorter,
(2) the quarternary screens rejects from the forward and fine screens,
(3) the secondary screen rejects from the lightweight cleaners, and
(4) the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Department of Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that

PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

Thank you.
Charleston

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

## Hi ,

The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,

Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question

Hi again,
Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.

Thanks,

Emily Toffol
Washington State Department of Ecology
solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov

From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question

Hi Paul/Charleston,
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?

Thanks,

## Emily Toffol

Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov

| From: | Rachford, Skyler [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
| :--- | :--- |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6784500E517C498EB9DB9CEE3FB99590-RACHFORD,] |
| Sent: | $4 / 2 / 20208: 31: 47$ PM |
| To: | Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group |
| (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4fOd9abc5ec11ebc38da-Markland,] |  |
| Subject: | RE: Combisorter /Rejects Question |

Looks good to me!
--------- Original message $\qquad$
From: "Markland, Kasey" [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Date: 4/2/20 1:18 PM (GMT-08:00)
To: "Rachford, Skyler" [SkylerRachford@packagingcorp.com](mailto:SkylerRachford@packagingcorp.com)
Subject: FW: Combisorter / Rejects Question
Looks pretty good to me... see anything l'm missing?

From: Ramos, Charleston
Sent: Wednesday, April 1, 2020 12:06 PM
To: Davis, Nick [NicolisDavis@packagingcorp.com](mailto:NicolisDavis@packagingcorp.com); Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Cc: Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: FW: Combisorter / Rejects Question
Kasey/Nick,

Here is the description of the rejects stream identification as I understand from our conversations and the PFD. I am hoping to answer Ecology's questions on the waste segregation and make sure we can meet the Air Permit conditions that'll be imposed on the reject streams. Could you review my description below and let me know if you have comments/corrections:

The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.

1. The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large traish.
2. The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
3. The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:

1. the lightweight rejects from the combisorter,
2. the quarternary screens rejects from the forward and fine screens,
3. the secondary screen rejects from the lightweight cleaners, and
4. the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Department of Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

Thank you.
Charleston

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

Hi ,
The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,

Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question

Hi again,
Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.

Thanks,

## Emily Toffol

Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO BOX 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov
From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question

## Hi Paul/Charleston,

I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter gaing to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?

Thanks,

Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffo!@ecy.wa.gov

| From: | Markland, Kasey [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
| :--- | :--- |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=55BB92FCCE1A4FOD9ABC5EC11EBC38DA-MARKLAND,] |
| Sent: | $4 / 2 / 2020$ 8:33:36 PM |
| To: | Ramos, Charleston [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=c6036e8c448d446e8ade897c8fc77307-Ramos, Cha]; Davis, Nick |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=59548d657bce4e2c93fafc583ac2f53a-Davis, Nic] |
|  | Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group |
| CC: | (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2f7749cb9657ed5baeef4bd1-Butkus, Pa] |
|  | RE: Combisorter / Rejects Question |

I don't see any issue with your replies... as far as her combisorter question I don't know what the other things are so I would say the combi is the only thing that needs listed.

## -Kasey

From: Ramos, Charleston
Sent: Wednesday, April 1, 2020 12:06 PM
To: Davis, Nick [NicolisDavis@packagingcorp.com](mailto:NicolisDavis@packagingcorp.com); Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Cc: Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: FW: Combisorter / Rejects Question

## Kasey/Nick,

Here is the description of the rejects stream identification as I understand from our conversations and the PFD. I am hoping to answer Ecology's questions on the waste segregation and make sure we can meet the Air Permit conditions that'll be imposed on the reject streams. Could you review my description below and let me know if you have comments/corrections:

The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.
(1) The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash.
(2) The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
(3) The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:
(1) the lightweight rejects from the combisorter,
(2) the quarternary screens rejects from the forward and fine screens,
(3) the secondary screen rejects from the lightweight cleaners, and
(4) the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Department of Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

## Thank you.

Charleston

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul[PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

## Hi ,

The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,
Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question
Hi again,
Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.
Thanks,
Emily Toffol
Washington State Department of Ecology

From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question

## Hi Paul/Charleston,

I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs I've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?

Thanks,

Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov

| From: | Ramos, Charleston [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=C6036E8C448D446E8ADE897C8FC77307-RAMOS, CHA] |
| :---: | :---: |
| Sent: | 4/2/2020 8:34:57 PM |
| To: | Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4f0d9abc5ec11ebc38da-Markland,]; Davis, Nick <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=59548d657bce4e2c93fafc583ac2f53a-Davis, Nic] |
| CC: | Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa] |
| Subject: | RE: Combisorter / Rejects Question |

Thank you, Kasey.

From: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Sent: Thursday, April 2, 2020 1:34 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Davis, Nick [NicolisDavis@packagingcorp.com](mailto:NicolisDavis@packagingcorp.com)
Cc: Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question
I don't see any issue with your replies... as far as her combisorter question I don't know what the other things are so I would say the combi is the only thing that needs listed.
-Kasey

From: Ramos, Charleston
Sent: Wednesday, April 1, 2020 12:06 PM
To: Davis, Nick [NicolisDavis@packagingcorp.com](mailto:NicolisDavis@packagingcorp.com); Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com)
Cc: Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: FW: Combisorter / Rejects Question

Kasey/Nick,
Here is the description of the rejects stream identification as I understand from our conversations and the PFD. I am hoping to answer Ecology's questions on the waste segregation and make sure we can meet the Air Permit conditions that'll be imposed on the reject streams. Could you review my description below and let me know if you have comments/corrections:

The Recycled Fiber Plant takes OCC/DLK and screens fibers to be used in paper production from unsuitable materials (rejects). The screening process separates non-fibrous materials and culls non-desirable fibers. RFP rejects consist of fibrous and non-fibrous materials which are referred to as burnable rejects and non-burnable rejects, respectively. Nonburnable reject materials consist of tape, plastics, and other inorganics that are landfilled.

There are three reject streams that are sent to a landfill for disposal.
(1) The ragger reject stream is composed of steel wire that comes with the bales of OCC and DLK along with sheet plastic, rags, wet strength paper, string, and other large trash.
(2) The junk tower removes various size trash like plastics, Styrofoam, metals and rocks from the pulper.
(3) The sedimator removes water from the rejects for various screening equipment: high consistency cleaners, turbo separator, and combisorter heavy weights.

Culled fibers (burnable rejects) are processed on-site as a biomass fuel used in the Hog Fuel Boiler. These fibrous fine rejects with small size contaminants are from:
(1) the lightweight rejects from the combisorter,
(2) the quarternary screens rejects from the forward and fine screens,
(3) the secondary screen rejects from the lightweight cleaners, and
(4) the drumscreen rejects.

PCA considers these burnable rejects from the Recycled Fiber Plant sent to the Hogged Fuel Boiler to have been processed to remove plastics and metals.

I have also commented in red on the questions from Emily Toffol (Department of Ecology, Feb. 26 email)
I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". (to PCA - see attached July 2012 OCC Rejects inspection letter) I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs I've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter". The combisorter uses a quarternary screen to separate useable fiber from rejects.

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB? Only the lightweight rejects are sent to the HFB

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter? See PFD. The forward screens and fine screens section of the process has quarternary screens.

Thank you.
Charleston

From: Toffol, Emily (ECY) [ETOF461@ECY.WA.GOV](mailto:ETOF461@ECY.WA.GOV)
Sent: Monday, March 30, 2020 8:52 AM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: [EXTERNAL] RE: Combisorter / Rejects Question

Hi ,
The updated PFD on the revised application is helpful, but I am wondering if you could still provide feedback on the questions below.

Thanks,
Emily

From: Toffol, Emily (ECY)
Sent: Tuesday, March 3, 2020 7:34 AM
To: 'Ramos, Charleston' [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); 'Butkus, Paul' [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: RE: Combisorter / Rejects Question
Hi again,

Attached is the document I am referring to in my email below. It is a letter from 2012 following an inspection at WestRock Longview in which PRRs fed to the boiler were observed.

It describes the standard of separation for PRRs we have held Longview Fibre (Kapstone/WestRock) to.

Thanks,

## Emily Toffol

Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington 98504
Office: (360) 407-6954
emily.toffol@ecy.wa.gov
From: Toffol, Emily (ECY)
Sent: Wednesday, February 26, 2020 4:02 PM
To: Ramos, Charleston [CharlestonRamos@packagingcorp.com](mailto:CharlestonRamos@packagingcorp.com); Butkus, Paul [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Combisorter / Rejects Question

## Hi Paul/Charleston,

I've found some documents for another OCC plant we've permitted which describes a piece of the OCC system was a "barrier screen / float purger / combi-sorter". I see that PCA will have a combisorter - will it have the other pieces of equipment as well? I'm thinking that the combisorter in the equipment specs l've been sent might contain a barrier screen / float purger but is only referred to as a "combisorter".

I believe that the simplified PFD shows rejects from the combisorter going to the HFB. From the detailed diagram that was sent with the original NOC application, it looks like the combisorter creates both heavy rejects and light rejects - are both of these reject streams sent to the HFB?

The documents for the other OCC plant also mentions "quaternary screens". Do you have a diagram that shows where the "quaternary coarse screen" (mentioned on Page 33 of the equipment specs) is located on the combisorter?

Thanks,

```
Emily Toffol
Washington State Department of Ecology
Solid Waste Management Program, Industrial Section
PO Box 47600
Olympia, Washington }9850
Office: (360) 407-6954
emily.toffol@ecy.wa.gov
```

| From: | Stevens, Jeff [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A67B98AB155E4D6C82E7BA27FED8C5F2-STEVENS, J] |
| :---: | :---: |
| Sent: | 12/16/2020 2:56:58 PM |
| To: | Tobin, David [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=7b31b160dee345568f3d794f235399ae-Tobin, Dav]; Lockard, Mitch [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=908c135c47ec427ead33069100203bde-Lockard, M]; Holm, Sam <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=e53d662511a94bd591eea1f8d5de3110-Holm, Sam]; Butkus, Paul <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa]; Markland, Kasey <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4f0d9abc5ec11ebc38da-Markland,]; Davis, Nick <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=59548d657bce4e2c93fafc583ac2f53a-Davis, Nic]; Thorne, Kurt <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku] |
| Subject: | OCC Rejects handling |

We need to do a review of handling rejects from the OCC plant. If we produce 450 TPD of pulp, we will produce about 45 TPD of rejects. The original plan was to burn them in the hog fuel boiler, along with bark. From the beginning, that plan was not going to work, and there had to be a way to handle 45-65 TPD of rejects. I have heard that we don't have enough trucking capacity to haul off the rejects, and I also understand that the discharge point from the Sebright press is going to be too low for a large trailer. What I think will be needed is a large truck/trailer combo like we have from the sludge filter, and we may need to modify that discharge point. Also, where will we landfill this stuff? Our landfill, or a $3^{\text {rd }}$ party?

Time is tight, but would like to review this afternoon before I leave so we can put a plan together. Rejects handling will be far more significant than we think, and if we don't have the system right, it can get away from us quickly.
$\left.\begin{array}{ll} & \text { Butkus, Paul [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP } \\ \text { From: } & \text { (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=34F438FF2FF749CB9657ED5BAEEF4BD1-BUTKUS, PA] } \\ & 2 / 1 / 20216: 58: 49 \text { PM }\end{array}\right\}$

FYI - I sat in on a meeting this morning about management of OCC rejects and it was decided to move forward with the plan to landfill all rejects for the first year to better evaluate landfill costs vs burning the portion that qualifies as paper recycling residuals. So, no anticipation of burning rejects for a while, if ever.

| From: | Rachford, Skyler [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT |
| :---: | :---: |
| Sent: | 2/13/2021 8:27:54 PM |
| To: | Bergman, Troy [/0=PackagingCorp/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=913b83a |
| CC: | Markland, Kasey [/o=BoisePaper/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=b5ff64f5af9147e8b020614da2bdcee3-Markland, Kas]; Thorne, Heather <br> //o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=127a9885a7b446e48b39bbaf6e0f6170-Thorne, He]; Kurt Thorne <br> (KurtThorne@packagingcorp.com) [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian //o=BoisePaper/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=f6ccbab51809442b918e54caf553aef0-Wilhelm, Bria]; Stevens, Jeff <br> //o=PackagingCorp/ou=Exchange Administrative Group |
| Subject: | OCC Plant/Container Shared Spaces |

Troy,

With the pallet shop/container sharing the space with the OCC Plant, there are a few items that we will need to remedy prior to the start-up of the OCC Plant (currently scheduled for March $1^{\text {st }}$ ).

1. When the container Hyster drivers need to come through our bale unloading/yard area to fuel up, our operators on channel 14 to alert the loaders that they are in the area. If container employees are in need of mill radios that communicate on channel 14 , let me know and we will get some issued to them.
2. The OCC Plant will be using the concrete pad located on the West Side of the building, adjacent to the pallet shop loading yard to stage BDI dumpsters to dispose of process rejects. The area in front of the concrete pad will need to remain clear at all times so that BDI has room to load and offload these trailers with their trucks.

Currently this area in front of the pad is frequently blocked by flat-bed trailers that are being staged and loaded with pallets ( $1^{\text {st }}$ picture). We will need to find an alternative area to stage these flat beds and keep at least 50 feet of space clear from the front of the concrete pad so BDI and freely access the dumpsters for the OCC rejects.
$\qquad$
$\qquad$ X


Flatbed blocking concrete pad. BDI truck cannot access to pick up \& drop off OCC rejects dumpsters


Need to keep this area clear 50 feet from the front of the concrete pad

Please let me know if you have any questions or concerns, or if there is anything you need from me to move forward.

Thanks,

## Skyler Rachford

Assistant Supt. - OCC \& Recycled Fiber
Office: Ext. 3327
Cell: (509) 316-1354
SkylerRachford@packagingcorp.com

| From: | Bergman, Troy [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=913B83AOF34B4 |
| :---: | :---: |
| Sent: | 2/16/2021 4:08:38 PM |
| To: | Rachford, Skyler [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT) |
| CC: | Markland, Kasey [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4f0d9abc5ec11ebc38da-Markland,]; Thorne, Heather //o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=127a9885a7b446e48b39bbaf6eOf6170-Thorne, He]; Thorne, Kurt <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian <br> //o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B]; Stevens, Jeff <br> //o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=a67b98ab155e4d6c82e7ba27fed8c5f2-Stevens, J]; Greene, Jeff <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=55f949e6e98541bd92a14ad869956a24-Greene, Je]; Metz, Austin <br> //o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=8d2c480948c34155b165d559100c40dc-Metz, Aust]; Turner, Craig <br> [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=42d428761e214 |
| Subject: | RE: OCC Plant/Container Shared Spaces |

Skyler,
Thanks for the heads up.
We understand your concerns and are working with the pallet vendor now. May be a little slow to react with all the snow on the ground this week. But will have no problem being reconfigured for our pallet trucks staging prior to your March $1^{\text {st }}$ start up date. Giving you the $50^{\prime}$ clearance you are needing.

To deliver on the need for better communication as we take our fork lift through your yard. We will need to get a couple radios from you.
What kind of verbal announcement would you be looking for as we traveled through that area?
From: Rachford, Skyler
Sent: Saturday, February 13, 2021 12:28 PM
To: Bergman, Troy [TroyBergman@packagingcorp.com](mailto:TroyBergman@packagingcorp.com)
Cc: Markland, Kasey [KaseyMarkland@packagingcorp.com](mailto:KaseyMarkland@packagingcorp.com); Thorne, Heather [HeatherThorne@packagingcorp.com](mailto:HeatherThorne@packagingcorp.com); Thorne, Kurt [KurtThorne@packagingcorp.com](mailto:KurtThorne@packagingcorp.com); Wilhelm, Brian [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com); Stevens, Jeff [leffersonStevens@packagingcorp.com](mailto:leffersonStevens@packagingcorp.com)
Subject: OCC Plant/Container Shared Spaces
Troy,

With the pallet shop/container sharing the space with the OCC Plant, there are a few items that we will need to remedy prior to the start-up of the OCC Plant (currently scheduled for March $1^{\text {st }}$ ).

1. When the container Hyster drivers need to come through our bale unloading/yard area to fuel up, our operators have no way of knowing that they have entered the area. We will need to have container employees radio the OCC plant communicate on channel 14, let me know and we will get some issued tomployees are in need of mill radios that
$\qquad$ $X$
2. The OCC Plant will be using the concrete pad located on the West Side of the building, adjacent to the pallet shop loading yard to stage BDI dumpsters to dispose of process rejects. The area in front of the concrete pad will need to remain clear at all times so that BDI has room to load and offload these trailers with their trucks.

Currently this area in front of the pad is frequently blocked by flat-bed trailers that are being staged and loaded with pallets ( $1^{\text {st }}$ picture). We will need to find an alternative area to stage these flat beds and keep at least 50 feet of space clear from the front of the concrete pad so BDI and freely access the dumpsters for the OCC rejects.


Flatbed blocking concrete pad. BDI truck cannot access to pick up \& drop off OCC rejects dumpsters
$\qquad$ $X$
$\qquad$ X


Need to keep this area clear 50 feet from the front of the concrete pad
Please let me know if you have any questions or concerns, or if there is anything you need from me to move forward.

Thanks,

## Skyler Rachford

Assistant Supt. - OCC \& Recycled Fiber
Office: Ext. 3327
Cell: (509) 316-1354
SkylerRachford@packagingcorp.com


Wallula, WA

| From: | Thorne, Kurt [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
| :--- | :--- |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=63AOFE866D634B9EB2C1C186AABO9C38-THORNE, KU] |
| Sent: | 2/18/2021 11:58:43 PM |
| To: | Thorne, Kurt [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=63aOfe866d634b9eb2c1c186aab09c38-Thorne, Ku]; Wilhelm, Brian |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B]; Markland, Kasey |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  |  |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=55bb92fcce1a4fOd9abc5ec11ebc38da-Markland,]; Rachford, Skyler |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=6784500e517c498eb9db9cee3fb99590-Rachford,] |

Required Wilhelm, Brian; Markland, Kasey; Rachford, Skyler
Attendees:

| From: | Markland, Kasey [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=55BB92FCCE1A4FOD9ABC5EC11EBC38DA-MARKLAND,] |
| :--- | :--- |
| Sent: | 2/19/2021 2:16:56 AM <br> To: |
|  | Thorne, Kurt [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63a0fe866d634b9eb2c1c186ab09c38-Thorne, Ku] |
| Subject: | Accepted: Rejects Handling Discussion with BDI |
| Location: | New OCC Rejects Room |

Recurrence: (none)

| From: | Rachford, Skyler [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP <br> (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6784500E517C498EB9DB9CEE3FB99590-RACHFORD,] |
| :--- | :--- |
| Sent: | 2/19/2021 2:33:21 AM |
| To: | Thorne, Kurt [/o=PackagingCorp/ou=Exchange Administrative Group <br> (FYDIBOHF23SPDLT)/cn=Recipients/cn=63aOfe866d634b9eb2c1c186aab09c38-Thorne, Ku] |
|  |  |
| Subject: | Accepted: Rejects Handling Discussion with BDi |
| Location: | New OCC Rejects Room |


|  |  |
| :--- | :--- |
| From: | Stevens, Jeff [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP |
|  | (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A67B98AB155E4D6C82E7BA27FED8C5F2-STEVENS, J] |
| Sent: | $3 / 31 / 2021$ 7:27:20 PM |
| To: | Curtis, Brandon [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=2dba301aOf734a85bfc894b803244bdb-Curtis, Br]; Moore, Brandon B. |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=82251189ea7c4da3a2b0f3adc86db2ee-CBM3807]; Wilhelm, Brian |
|  | [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B] |
| Subject: | OCC Rejects |

What would it take to be able to burn the OCC rejects, alone? I'm not even talking about mixing with bark. Just let the stuff sit out there and dry out and then burn it as we can. What can you do on the outage if you had to to make this happen?

Jeff

Jeff Stevens
Mill Manager
PCA - Wallula Mill
509-545-3271
jeffersonstevens@packagingcorp.com

|  |  |
| :--- | :--- |
| From: | BrianWilhelm@packagingcorp.com [BrianWilhelm@packagingcorp.com] |
| Sent: | $3 / 31 / 20217: 30: 59$ PM |
| To: | Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group |
|  | (FYDIBOHF23SPDLT)/cn=Recipients/cn=34f438ff2ff749cb9657ed5baeef4bd1-Butkus, Pa] |
| Subject: | Fwd: OCC Rejects |

I'll need your advice on what is possible from a permit standpoint before I start digging into this
Sent from my iPhone

Begin forwarded message:
From: "Stevens, Jeff" [JeffersonStevens@packagingcorp.com](mailto:JeffersonStevens@packagingcorp.com)
Date: March 31, 2021 at 12:27:22 PM PDT
To: "Curtis, Brandon" [BrandonCurtis@packagingcorp.com](mailto:BrandonCurtis@packagingcorp.com), "Moore, Brandon B." [BMoore@packagingcorp.com](mailto:BMoore@packagingcorp.com), "Wilhelm, Brian" [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com)

## Subject: OCC Rejects

What would it take to be able to burn the OCC rejects, alone? I'm not even talking about mixing with bark. Just let the stuff sit out there and dry out and then burn it as we can. What can you do on the outage if you had to to make this happen?

Jeff

Jeff Stevens
Mill Manager
PCA - Wallula Mill
509-545-3271
jeffersonstevens@packagingcorp.com

From:

Sent: , Brian [/O=PACKAGINGCORP/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=A4026B7F7C424E80A477FE21A993AA85-WILHELM, B]
3/31/2021 7:31:00 PM
To: $\quad$ Butkus, Paul [/o=PackagingCorp/ou=Exchange Administrative Group
Subject: Fwd: OCC Rejects

I'll need your advice on what is possible from a permit standpoint before I start digging into this
Sent from my iPhone

Begin forwarded message:

From: "Stevens, Jeff" < JeffersonStevens@packagingcorp.com>
Date: March 31, 2021 at 12:27:22 PM PDT
To: "Curtis, Brandon" [BrandonCurtis@packagingcorp.com](mailto:BrandonCurtis@packagingcorp.com), "Moore, Brandon B." [BMoore@packagingcorp.com](mailto:BMoore@packagingcorp.com), "Wilhelm, Brian" [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com)
Subject: OCC Rejects

What would it take to be able to burn the OCC rejects, alone? I'm not even talking about mixing with bark. Just let the stuff sit out there and dry out and then burn it as we can. What can you do on the outage if you had to to make this happen?

Jeff

Jeff Stevens
Mill Manager
PCA - Wallula Mill
509-545-3271
jeffersonstevens@packagingcorp.com

```
From: paulbutkus@packagingcorp.com [paulbutkus@packagingcorp.com]
Sent: 3/31/2021 7:42:39 PM
To: Wilhelm, Brian [/o=PackagingCorp/ou=Exchange Administrative Group
    (FYDIBOHF23SPDLT)/cn=Recipients/cn=a4026b7f7c424e80a477fe21a993aa85-Wilhelm, B]
Subject: RE: OCC Rejects
```

I'll send you the permit language on burning OCC rejects. We can burn the approved portion of the rejects regardless of whether or not other hog fuel is being burned.

Sent from my Verizon, Samsung Galaxy smartphone
-------- Original message --------
From: "Wilhelm, Brian" [BrianWilhelm@packagingcorp.com](mailto:BrianWilhelm@packagingcorp.com)
Date: 3/31/21 12:31 PM (GMT-08:00)
To: "Butkus, Paul" [PaulButkus@packagingcorp.com](mailto:PaulButkus@packagingcorp.com)
Subject: Fwd: OCC Rejects

