



February 10, 2023

Environmental Response Centre
Alberta Environment
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 409379

On February 3rd, 2023 I attempted to retrieve the wind data for the month of January, from our monitoring station on top of the Ryley School as required in our Approval, Section 4.2.19. However, when I reviewed the raw data, I discovered the wind data had not been recording properly. It seems the program had been corrupted and the instrument was recording zeros. I returned to the School station Friday 3rd afternoon, Monday 6th and Tuesday 7th making several attempts to reprogram the instrument, however I was unsuccessful. I am now working with the company that provided the original programing and we will have the instrument back in compliance as soon as possible. The wind data was retrieved successfully from the Facility monitoring station.

There were no environmental impacts associated with the unusual failure of the wind data instrument.

If you have any questions, do not hesitate to contact me at (780) 663-2509.

Yours truly,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
Facility GM
Clean Harbors Canada, Inc.



April. 28, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412087
Clean Harbors Approval No. 10348-03-01

On Wednesday, December 26th, 2023 Clean Harbors received a phone call followed by an email from EPA regarding an odor complaint they received on the Tuesday evening prior from a Ryley resident. The odor was described as noxious terrible chemicals. The call was received at 6:05 pm.

Upon investigation, the Facility Manager was able to confirm the wind was blowing from the NNW/N/NNE Tuesday evening. The manager discovered that two loads had been received around 5:00 pm that evening that carried an odor. The landfill operators did a wind check and according to the windsock, thought the wind was blowing from the west enough for it not to be a concern. However, after the loads were dumped, the wind shifted towards town. They covered the waste with what they thought was enough cover.

The manager reviewed the strict acceptance conditions of odorous waste with the landfill operators and reminded them to double check with management if there is any doubt. The customer that delivered the loads was also contacted and notified that no more odorous loads would be accepted from that facility and that they were not allowed to deliver loads after management and the lab manager had gone home for the day so that their loads could be tested prior to dumping. This will remain in effect until they prove their waste is non-odorous with no issues.

We have also re-installed our odor control fans. This units are only operational during non-freezing temperatures and were not set up yet at the time. As well, we treated our operating area in the landfill with deodorizer, which proves to be very effective.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha



General Manager



May 2, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412333
Clean Harbors Approval No. 10348-03-01

On Tuesday May 2nd, 2023 Clean Harbors received a phone call followed by an email from EPA regarding an odor complaint they received at 9:25am from a Ryley resident. The odor was described as noxious, toxic, gross chemical smell.

Upon investigation, the Facility Manager was able to confirm the wind was blowing from the NNE at the time of the call. After the call from EPA was received, at approximately 11:00 am, the Manager, Compliance VP and Compliance Manager all went for a drive into Ryley. As we drove on hwy. 834 past the lagoon, we all noticed a strong lagoon odor, about an 8 out of 10. We turned onto 57 Ave into Ryley and past 49 street and could still smell the lagoon, but it wasn't near as strong, only about a 2 or 3 out of 10. We proceeded to drive to 49 street and 55 avenue and could still detect faint lagoon odor. We drove west on 55 avenue and by the time we crossed main street, we didn't detect any odors. We approached 51 street and we could detect faint odor from Clean Harbors landfill, about a 1 or 2 out of 10.

The landfill was treated with deodorizer at 8:30 am that morning. Our odor control fans were also operational at the time of the call.

As a result of the investigation Clean Harbors feels the odor was most likely coming from the lagoon and the source was not Clean Harbors at that time. At 11:30, as a preventative measure and according to our procedure, we rejected a load that arrived at our facility that had potential to cause an odor towards the village. We will continue to monitor loads closely at this time.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha". The signature is written in a cursive, flowing style.

Stan Yuha



General Manager



May 2, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412268
Clean Harbors Approval No. 10348-03-01

On Tuesday May 1st, 2023 Clean Harbors notified Alberta Environment of a contravention being their March Air Monitoring Report was submitted electronically one day late. The report was due by April 30th but wasn't submitted until May 1st.

Clean Harbors employs GHD to professionally complete and submit their monthly and annual air monitoring reports. On April 28th, at approximately 4:17 pm, GHD sent an email to myself stating the March Monthly report had been completed and was just going through formatting at which time it would be emailed to me for my review and signatures. At 6:18 pm Friday, I had sent an email stating that I hadn't received the report yet. I continued to monitor my email the rest of the evening and over the weekend. On Monday May 1st, GHD called me and asked if I had received the report? I replied I hadn't. We discovered the report size was too big, in excess of 27 MB, and the server was not letting it through. GHD promptly sent the report as a zip file and I signed it and returned to them to submit.

The previous reports were only approximately 14 MB and there were never issues sending them via email before. We will now zip the files to ensure timely delivery.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha". The signature is written in a cursive, flowing style.

Stan Yuha
General Manager



May 11, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412682, 412724, 412725, 412800
Clean Harbors Approval No. 10348-03-01

Clean Harbors, Ryley Facility, has recently received four odor complaints, one on May 8th, two on May 9th and the fourth on the morning of May 10th. As per request of Inspector Mark Pickering, one 7-Day Letter will suffice for all four Reference numbers.

Reference # 412682

On May 8th, the Facility Manager was contacted by EPA via text at 2:05 pm regarding a strong, terrible chemical odor complaint received from an anonymous caller located at 49 St. and 55 Ave. in Ryley. Manager was not at the facility at the time of the notification. Manager called the facility and verified the wind to be blowing strong from the southeast as it had been all day. It was noted the Ryley lagoon had a strong odor that day. No comments about the Claystone landfill. Due to the strong wind direction from the SE, any source of odor in Ryley at that time could not be coming from Clean Harbors. No further investigation taken.

Reference # 412724 & 412725

Facility Manager received email notification of two odor complaints that occurred at 6:00 am and 6:05 am the morning of May 9th. Both callers described the odor as a chemical smell. Notification was received at approximately 8:30 am. The Manager downloaded the wind data and verified the wind was very light that morning, shifting back & forth from the W, NW, N, NE and NNE. At approximately 8:50 am the manager drove into Ryley, noticing a slight odor on Hwy 854, about a 2 out of 10 scale. The wind was blowing from the west at that time. No odors were detected on the drive through Ryley at that time. The deodorizer fans were started. The manager and an operator walked the landfill for over an hour and no significant odors were detected. The manager also instructed the operators to spray the landfill with deodorizer. Later in the afternoon the manager walked the upper south berm of the landfill for over 20 minutes and did not detect any odors drifting towards Ryley.



Reference # 412800

At approximately 9:45 am May 10th, the manager was notified of another odor complaint from a resident in the Village of Ryley located at the same address as all the other complaints. Within minutes of receiving the email, the manager and one other employee drove into Ryley and past the area and the blocks around. The wind was calm at the time. No odors were detected anywhere. They drove down the back alley of the address which is between the landfill and his house. They noticed a neighbor directly across the alley working in his backyard. He was asked if he noticed any odors that morning and he replied that he had not. They continued to drive around, not detecting any odors. A return call was made to the Inspector during this time.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha". The signature is written in a cursive, flowing style.

Stan Yuha
General Manager



May 12, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412578
Clean Harbors Approval No. 10348-03-01

On Friday, May 5th, 2023, Clean Harbors reported to EPA that 3 ground water monitoring wells were damaged by heavy equipment. The well numbers were MW16, MW12A and MW12B. Upon further investigation, only two wells were damaged, being MW12A and MW12B. There was a misunderstanding about MW16 as it was not damaged. Unfortunately, MW12A was greatly compromised because it was partially lifted out of the ground and the screened section of the well had changed. It was decided the well should be decommissioned which was completed on April 27th by pulling the PVC out and backfilling with bentonite through depth. MW12B was also damaged, however the integrity was evaluated, and it was determined that it could still be sampled. Following sampling this spring, it will be decommissioned as both MW12A and MW12B were slated to be this spring. Any wells that are slated to be decommissioned will be replaced by a new installation at a slightly different location.

To prevent further occurrences, Clean Harbors will install concrete barriers to protect any wells that are in a greater risk of being damaged by equipment.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
General Manager



May 29th, 2023

Environmental Response Centre
Alberta Environment
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 409379 – UPDATE

Update: On May 26th, the school hi-vol translator was up and recording the wind data properly again. This issue can now be closed.

Regards,
Stan yuha

Original message below:

On February 3rd, 2023 I attempted to retrieve the wind data for the month of January, from our monitoring station on top of the Ryley School as required in our Approval, Section 4.2.19. However, when I reviewed the raw data, I discovered the wind data had not been recording properly. It seems the program had been corrupted and the instrument was recording zeros. I returned to the School station Friday 3rd afternoon, Monday 6th and Tuesday 7th making several attempts to reprogram the instrument, however I was unsuccessful. I am now working with the company that provided the original programing and we will have the instrument back in compliance as soon as possible. The wind data was retrieved successfully from the Facility monitoring station.

There were no environmental impacts associated with the unusual failure of the wind data instrument.

If you have any questions, do not hesitate to contact me at (780) 663-2509.

Yours truly,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
Facility GM
Clean Harbors Canada, Inc.



May 29, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 413712
Clean Harbors Approval No. 10348-03-01

On Thursday May 25th, 2023 Clean Harbors received a text followed by an email at 8:29 am from EPA regarding an odor complaint they received at 7:21 am from a Ryley resident located near 49 St. and 55 Ave. The odor was described as a very bad nasty chemical smell.

Upon investigation, no activities were going on at the site at the time of the complaint. The wind was light out of the north/north east. The odor control fans had not been started yet that morning. I drove into Ryley at about 8:45 am and drove around the area for about 5 minutes but could not detect any odors. I noticed the Kushnir's were in their front yard so I stopped and talked to them for about 20 minutes. We did not notice any odors during our discussion. However just as I was leaving we detected a faint landfill odor, no more than a 2 out of 10 and it lasted less than 10 seconds and went away. They said it comes and goes. I drove around for about 5 more minutes and did not detect any more odors. I concluded that a faint landfill odor may have entered town for a very short while but it was certainly not a 10 out of 10 odor.

The odor control fans were turned on at approximately 8:15 am that morning. The operating face of the landfill was about the length of a football field but about half as wide. Clean Harbors will continue to cover non-active areas with non-odorous material.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
General Manager



May 29, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 413875
Clean Harbors Approval No. 10348-03-01

On Monday May 29th, 2023 Clean Harbors received a text followed by an email at 7:28 am from EPA regarding an odor complaint they received at 5:30 am from a Ryley resident. The odor was described as a nasty chemical smell.

As I was on my way to work, I drove through Ryley at about 7:40 am. I could not detect any odors any where in town. When I arrived at work a short time later, I notice the wind was blowing from the west and south. I uploaded the wind data for earlier that morning, and it had been very calm all morning with the anemometer recording directions of west, northwest and north, but basically zero speed. The source of the odor remains unknown.

Even though the wind was blowing away from town, we sprayed the landfill with a load of deodorizer. The working face is about the length of a football field but half as wide. We will continue to use non-odorous material to cover non-operating areas.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha". The signature is written in a cursive, flowing style.

Stan Yuha
General Manager



July 4, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 415751
Clean Harbors Approval No. 10348-03-01

On Tuesday July 4th, 2023 Clean Harbors received an email at 10:57 am from EPA regarding an odor complaint they received on July 1st at 1:00 am from a Ryley resident. The odor was described as a 10 out of 10 nasty chemical smell.

I reviewed the loads that were received on June 30th and no odorous loads were received during the day. I reviewed the wind station data from the school and the facility and they both recorded the wind blowing from the east and south east during the time of the complaint. Therefore the source of the odor could not have been Clean Harbors. No other actions required.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
General Manager



July 4, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 415610
Clean Harbors Approval No. 10348-03-01

On Wednesday June 28th, 2023 Clean Harbors notified Alberta Environment of a contravention against section 4.1.6(b)(i). The liner on the top of the berm wall between cell 3D and cell 4 was nicked by the blade of our dozer and caused a tear about 6 feet by 3 feet.

The far west end of the berm, where this occurred was previously covered with extra protective material to protect it. The GPS on the dozer was telling the blade to “cut” the extra material away. This is part of the area we are preparing for clay capping. That small area where the east/west berm of cell 3D and cell 4, meets perpendicular to the north/south wall of cell 3D and cell 4 was not in the coordinates of the dozer.

Immediately after the tear occurred, the area was cleared of waste material and the tear was covered with a tarp and secured to help prevent any infiltration of water. A berm was also created above the tear to divert any rain water from coming near the area. A liner repair company was contacted, and their crew successfully repaired the liner July 1st before any rainfall happened. There were no environmental impacts as a result of this incident.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
General Manager



Tear



Protected



Repair in Progress



Repair Complete



August 3, 2023

Environmental Response Centre
Alberta Environment
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 417300

On August 1st, 2023 I retrieved the wind data for the month of July from our monitoring station on top of the Ryley School as required in our Approval, Section 4.2.19. However, when I reviewed the raw data, I discovered the wind data was missing a large segment of data points. The instrument recorded all the wind data from July 1st at 12:00 am to July 12th at 15:23 hrs and then it didn't start recording again until July 24th at 3:22 am. It is highly suspected a power failure was the cause, but strange a power failure would last 12 days at the school. There have been a few lightening storms in the area during that time of missing data which may have had something to do with it. Ultimately, we are not certain what caused the issue, but the instrument started back up by itself and is running fine now.

There were no environmental impacts associated with the unusual failure of the wind data instrument.

If you have any questions, do not hesitate to contact me at (780) 663-2509.

Yours truly,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
Facility GM
Clean Harbors Canada, Inc.



August 4, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 412087
Clean Harbors Approval No. 10348-03-01

Update: Event was on April 26th, 2023.

**Regards,
Brian Fraser**

Original message below:

On Wednesday, December 26th, 2023 Clean Harbors received a phone call followed by an email from EPA regarding an odor complaint they received on the Tuesday evening prior from a Ryley resident. The odor was described as noxious terrible chemicals. The call was received at 6:05 pm.

Upon investigation, the Facility Manager was able to confirm the wind was blowing from the NNW/N/NNE Tuesday evening. The manager discovered that two loads had been received around 5:00 pm that evening that carried an odor. The landfill operators did a wind check and according to the windsock, thought the wind was blowing from the west enough for it not to be a concern. However, after the loads were dumped, the wind shifted towards town. They covered the waste with what they thought was enough cover.

The manager reviewed the strict acceptance conditions of odorous waste with the landfill operators and reminded them to double check with management if there is any doubt. The customer that delivered the loads was also contacted and notified that no more odorous loads would be accepted from that facility and that they were not allowed to deliver loads after management and the lab manager had gone home for the day so that their loads could be tested prior to dumping. This will remain in effect until they prove their waste is non-odorous with no issues.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,



Stan Yuha

Stan Yuha
General Manager



August 9, 2023

Environmental Response Centre
Alberta Environment and Parks
111, Twin Atria Building
4999 – 98 Avenue
Edmonton, Alberta T6B 2X3

To Whom It May Concern:

Re: Reference Number 415751
Clean Harbors Approval No. 10348-03-01

On Thursday August 3rd, 2023 Clean Harbors received a phone call at 9:47 am from a Ryley resident regarding odor coming from Clean Harbors Landfill since approximately 4:00 am. There were no odorous loads received that morning and landfill operations didn't start until after 8:00 am. I uploaded the wind data and the wind was blowing from the north that morning. We originally thought that the source of the odor may have been when the operators were treating some leachate water from cell 4 leachate tank which was being done at about 9:30 am that morning, however that would not explain odors that may have occurred earlier than that. My Compliance VP and myself drove into Ryley at approximately 10:00 am to investigate any odors and neither of us could detect any odors anywhere in the village and the wind was still blowing from the north. We also drove the road just south of the landfill berms and did not detect any odors there either. The odor control fans were operating at the time of the call. We could not verify what the source of the odor was.

If you have any further questions, do not hesitate to contact Stan Yuha (Facility Manager) at (780) 663-2509.

Sincerely,

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha
General Manager