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24 August 2020

9(2)(a)

RE Official information request CDHB 10356

I refer to your email dated 6 July 2020 to the Ministry of Health which they subsequently partially transferred to us on 17 July 2020 requesting the following information under the Official Information Act from Canterbury DHB. Specifically Question 5:

- **Supply 3 public health audit reports of 1080 poison operations.**

Copies of three reports are attached as **Appendix 1**. Two are desk top audits and the third is a report of a field audit.

These reports have the objective of informing the risk assessment documents that the DHB Medical Officers 'sign off' for poison operations.

- a. What elements of each of these reports have served that purpose and how? For instance, what clinical outcomes from communities served by a water supply that has been part of / near a 1080 poison operation have suffered symptoms and/or diagnosis to illnesses already linked to sublethal doses of 1080 poison (e.g. miscarriage, birth defects, brain and heart disease, infertility rates). (*Eisier, 1995*)**

The answer to your question is none, as these audits are carried out after public health permission is granted and the operation takes place.

They cannot therefore inform the risk assessment of the operation on which its permission conditions are based. The examples of outcomes in your request are not within the scope of routine public health audits of individual 1080 operations.

Some may be the subject of an investigation/incident report if public health units receive a complaint that someone has been exposed to, or been harmed by 1080, in the course of a 1080 operation.

Please note that we have redacted information pursuant to section 9(2)(a) of the Official Information Act i.e. *"...to protect the privacy of natural persons, including those deceased."*

I trust this satisfies your interest in this matter.

You may, under section 28(3) of the Official Information Act, seek a review of our decision to withhold information by the Ombudsman. Information about how to make a complaint is available at www.ombudsman.parliament.nz; or Freephone 0800 802 602.

Please note that this response, or an edited version of this response, may be published on the Canterbury DHB website after your receipt of this response.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Gullery', with a long, sweeping horizontal line extending to the right.

Carolyn Gullery
Executive Director,
Planning, Funding & Decision Support

VTA IMPLEMENTATION AUDIT FORM

Pursuant to section 95(A) of the Hazardous Substances and New Organism Act 1996

Application Identification Code	18/1132/CB/TIMPH
Operation Name	Station Peak
Applicant	9(2)(a) [REDACTED], Mainland Vector Contracting Ltd
Auditor	Start: 9(2)(a) [REDACTED]

Type of Audit

Field Audit of Operation

☐ No

Start of Application dd/mm/yy

Date(s) of visit dd/mm/yy

Desktop Audit of Operation

☐ Yes

Other (specify).....
.....

Rationale for type and extent of audit conducted

A field audit of this aerial operations is not currently required @ 20.6.2018, discussed with MoH:

1. Is it near dwellings/built up areas or towns/other sensitive areas? No
2. Does it involve a public water supply? No
3. Is there is local community concern about the operation and/or possible protest action? No
4. Are there concerns about the operator's performance or a history of prior breaches of permission? No

Section 1: Compliance with Health Permission Conditions

Refer to Condition Numbers in Permission

- Conditions that are audited should be marked **Yes** or **No** for compliance
- Conditions that are not audited should be marked **NA**
- Conditions that were not applied in the permission should be **REMOVED** from the table

Condition Number	Met Yes/No	Evidence	Action Required
1 Start Date	Yes	Commencement notification email received 18.6.2018 for start in 24hrs.	None
2 Changes to Permission	Yes	No changes to permission notified, although this is a reissued permission.	None
3 Warning sign removal	No	Operator advised that phoned this information in for 3 operations at the same time, nothing in writing. On 9.6.19 advised signs were removed on 26.2.19	Remind operator to advise removal of signs in writing.
4 Incidents and complaints	Yes	No incidents or complaints notified	None
5 Duration of permission	Yes	No change in duration advised	None
6 Landowner Notification	Yes	Sufficient consultation planned in application (consultation register)	None
7 School notification	Yes	Sufficient consultation planned in application (consultation register)	None
8 Health service notification	Yes	Sufficient consultation planned in application (consultation register)	None
9 Public Notification	Yes	Copy of advert supplied 2.5.18	None
12 Exclusion from roads	Yes	Flight lines/ Operators log / GIS shape file indicates no breach of exclusion areas.	None
13 Exclusion from dwellings	NA		None
15 Aerial Exclusions	Yes	Flight lines indicate evidence of compliance.	None

Condition Number	Met Yes/No	Evidence	Action Required
19 Sign contents	NA	Example sign not supplied by applicant	None
20 Sign maintenance	NA	Applicant sent and agreed to exclusion and signage conditions pre issue of final permission.	None
21 Sign vandalism	NA	Applicant sent and agreed to exclusion and signage conditions pre issue of final permission	None
22 Domestic water Supply notification	Yes	Sufficient consultation planned in application (consultation register)	None
23 Domestic water supply location	NA	No domestic water supplies identified	None
25 Domestic water supply mitigation	NA		None
26 Water supply testing	NA		None
31 Water supply mitigation reporting	NA		None
32 Water supply testing reporting	NA		None
33 Operators Log	No	Copy of the operators log or report is was not forwarded within 4 weeks of the VTA being laid, received 9.6.19	Remind operator to send within 4 weeks of VTA being laid
34. Trickle Bucket	Yes	Flight lines provided 28 June 2018 - originally received with adjacent operation	None

Section 4: Summary of Audit Outcome

Audit outcome letter Date Sent 10 June 2019

Non-compliant issues identified: Yes

Warning Letter: N Date Sent: ____ / ____ / ____

Referred to Worksafe: N Date Sent: ____ / ____ / ____

Revoked Permit N Date Sent: ____ / ____ / ____

EPA Incident Report N Date Sent: ____ / ____ / ____

Other (specify)

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VTA IMPLEMENTATION AUDIT FORM

Pursuant to section 95(A) of the Hazardous Substances and New Organism Act 1996

Application Identification Code	18/1131/CB/TIMPH
Operation Name	Kirkliston Range
Applicant	Mainland Vector Contracting
Auditor	9(2)(a) [REDACTED]

Type of Audit

Field Audit of Operation

☐ N

Start of Application

dd/mm/yy

Date(s) of visit

dd/mm/yy

Desktop Audit of Operation

☐ Y

Other (specify).....
.....

Rationale for type and extent of audit conducted

No field audit to take place for this operation. Rationale as follows

1. Is it near dwellings/built up areas or towns/other sensitive areas? No
2. Does it involve a public water supply? Yes – low risk due to reasons detailed below.
3. Is there is local community concern about the operation and/or possible protest action? No, successful operation last year which reassured residents that raised concerns with PHU.
4. Are there concerns about the operator's performance or a history of prior breaches of permission? No – operator completed operation in this area in 2017, field audit carried out with no issues encountered.

Details of water supplies

- Farm Stream Domestic Water Supply - Discussed testing of water supply 12hrs after the operation to prove to landowners that the water supply is safe - Intake has potential to store water for 24 hrs
- Intake Lonestar Domestic (Surface Stream) outside operation but within 3km - They have storage for 24 hrs but will not be tested as intake is far from the operation water catchment
- Intake Hamish Bell Domestic Intake is outside of the operation.
- Public supply within 3Km from operation, mitigation will be no 1080 will be applied 200 metres of intake and 400 metres upstream of the point of intake. Operator has discussed with water supply operator – this supply is in a separate catchment.

Section 1: Compliance with Health Permission Conditions

Refer to Condition Numbers in Permission

- Conditions that are audited should be marked **Yes** or **No** for compliance
- Conditions that are not audited should be marked **NA**
- Conditions that were not applied in the permission should be **REMOVED** from the table

Condition Number	Met Yes/No	Evidence	Action Required
1 Start Date	Yes	Commencement notification email received 09/07/2018 which states Station Peak	
2 Changes to Permission	Yes	Changes requested which were notified by email and made before the permission start date. Letter sent to operator due to the changes requested.	
3 Warning sign removal	Yes	Notified 25/02/2019 that signs will be removed for Station Peak, Kirkliston and Deep Stream	
4 Incidents and complaints	Yes	No incidents or complaints notified	
5 Duration of permission	Yes	No change in duration advised	
6 Landowner Notification	Yes	Sufficient consultation planned in application (consultation register)	Issue identified where DOC where not fully consulted resulting in a change to the permission. Letter sent from MOH to address this.
8 Health service notification	Yes	Sufficient consultation planned in application (consultation register)	
9 Public Notification	NA	NA	The Timaru Herald and one of the following: <ul style="list-style-type: none"> • South Canterbury Herald • Waitaki Herald • Timaru Courier. • Otago Daily Times

Condition Number	Met Yes/No	Evidence	Action Required
11 Exclusion from vehicle walking tracks	NA	Desk top audited	
13 Exclusion from dwellings	NA	Desk top audited	
19 Sign contents	NA		
20 Sign maintenance	NA	Desk top audited	
21 Sign vandalism	NA		
22 Domestic water supply notification	Yes	Sufficient consultation planned in application (consultation register)	
23 Domestic water supply location	Yes	Domestic water supply location/s identified	
24 Domestic water supply exclusions	NA	Desk top audited	
25 Domestic water supply mitigation	Yes	Sufficient mitigation planned in application	
26 Water supply testing	NA	Water testing results not assessed	
27 Public water supplies notification	Yes	Sufficient consultation planned in application (consultation register)	
28 Public water supplies location	Yes	Public water supply location/s identified	
30 Public water supplies mitigation	Yes	Sufficient mitigation planned in application	

Condition Number	Met Yes/No	Evidence	Action Required
31 Water supply mitigation reporting	NA	Water supply mitigation report not requested	
32 Water supply testing reporting	NA		
33 Operators Log	Yes	Operator report details activities or information associated with the permission, received 29/06/2018	

Section 2: Loading Sites for Aerial Operations

Site 1

Description and GPS	
Location In accordance with Schedule 3 Permission map or as agreed?	
Any issues arising that require further Action	

Site 2

Description and GPS	
Location In accordance with Schedule 3 Permission map or as agreed?	
Any issues arising that require further Action	

Site 3

Description and GPS	
Location In accordance with Schedule 3 Permission map or as agreed?	
Any issues arising that require further Action	

Section 3: Log of Field Audit Actions

Date	Time	Activity/Action

Section 4: Summary of Audit Outcome

Audit outcome letter Date Sent ____ / ____ / ____

Non-compliant issues identified: Y/N

Warning Letter: Y/N Date Sent: ____ / ____ / ____

Referred to Worksafe: Y/N Date Sent: ____ / ____ / ____

Revoked Permit Y/N Date Sent: ____ / ____ / ____

EPA Incident Report Y/N Date Sent: ____ / ____ / ____

Other (specify)

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05.09 .18

Mikonui Ground Consent

Vector Free Marlborough Ltd

Also connected to boundaries of Karnbach and Poerua

Briefing: 08.30 hrs

9(2)(a) – Contractor MoH

Mona Andreas – CHDHB

1040 hrs– arrive in area. Familiarise ourselves with area. Rocky Creek/main road. T Intersection = Forestry road.

Signs located on map, subsequently named and identified in location.

Sign number	Time	Comment/location	Photo taken Yes/No
1	1107 hrs	1 sign. And No 2.	Yes
2	1107 hrs	1 information board. Private property. Trespass notice	Yes
	1112 hrs	Farm gate Camp Creek. 1 vehicle M/C. Hat beard 30+. Driveway to loading area. Couldn't see information sign but could be further up. Drove on as person couple be possible protester. John Olsen Road. No exit End of Road. Shooting creek Trespass sign. Olsen Road	
3	1124 hrs	Road closed. Danger Tape. Information sign. Woodhouse Road	Yes
4	1126	Across from 3	Yes
		Helicopter observed flying overhead	
5	1135 hrs	Information board. Near 440 stick. Opposite farm gate. No access. Cooks Stud Farms	Yes
6	1140 hrs	Woodhouse Creel	
7	1141 hrs	Information sing. Right side of road	Yes
		Gows Road. No exit. Private Property. Signage not required. No access working farm.	

		Possible suspicious vehicle: WC 2924 Grey van.	
		No sign Jon Olsen Road/Main Road. Not required	
8	1155 hrs - 1157 hrs	Totara River. Totara Valley Road/Main Road. Information board. Right. Tar seal Road.	Yes
9	1200 hrs	Sign. 4 x 4 wheel access only. Long winding road. Totara Forest. Information sign	Yes.
10	1202 hrs		
11	1204 hrs	Fox Creek	
12	1207 hrs	Track to left	
13		Tree. Vehicle. LKS984 2 persons	
14		Hatters Creek, right	
15	1214 hrs	No name creek. Near bee hives	
16		Creek bed	
17		Right side, opposite beehives right	
18		Calder Creek, right	
19		Monteith's Creek No 1	
20	1231 hrs	Track to river, layby	
21		Track to river, layby	
22		Cedar creek - left	
23		Information board. Beehives to left. Down track	Yes
	1236 hrs	Tin shed/hull.. Speak to farmer. Notes taken. Email to Operator. Email to SB. Drive to end of road. Closed by farmer. Unable to check signs over river. Known as black hut . Own farmers 1080 sign.	Yes.
24	1358 hrs	Arrive Ross. Checked tanks/reservoir area Bold Road. Left near stream. DOC sign. Gold fossicking area. On walking track. Information sign. TB free signs	Yes
25	1422 hrs	Road Closed. Tape. Aerial Operation 1080 poison. Control applications in progress today.	Yes

		All unauthorised entry is prohibited. Vector Free Ltd 0800 number. Water race walkway – Ross U turn to Ross No signage	
	1431 hrs	Drinking water area checked. Ok	
26	1437 hrs	Information sign. TB sign. Walking track. 45 minutes track. Miners walkway	Yes
27	1445 hrs	Philip Ross May Place Mine site	Yes
28	1449 hrs	Information board. Donoghues Drive	Yes
29		Left side of road	
30		Next to sign saying caution, mine site no entry	Yes
31	1505 hrs	Sign. Black Creek. Back to main road. Took vehicle parked up: McLeod's Creek LGH926 FPJ623	
32	1507 hrs	Information board. TB board. Other side of gate Mikonui.	Yes
33	1517 hrs	Ross Beach Road. Information board, dogs.	Yes
34	1524 hrs	Lake Road, East of Ruby club. Information sign	Yes
35	1539 hrs	River Road end. Track. Also danger tape.	Yes
36	1542 hrs	Donnelly Creek.	Yes
	1550 hrs	Cooks Farm loading. Sing. No one at road. Gate locked.	Yes

6.09.18

VTA audit continued

	1100 hrs	Check Ross water supply/reservoir/tanks. McLeod's Road Boldhead Road School bus route	
37	1148 hrs	Information board	Yes
38	1148 hrs	Dog information sign. (usually sign) Track	
39	1152 hrs	Boldhead – farm/road beach road track	
40	1155 hrs	Sign. Near yellow sign. Left of road	
41	1201 hrs	Cnr Boldhead Road & Kakapotohi Road	
42	1204 hrs	Farm fence. 2 signs. Both maps 'you are here'. Have both maps. No "you are Here marker" Public may be confused. Waitaha River (beach road?)	
43 & 44	1215 hrs	Signs . Beach road	
44		End of beach track.	
		River mouth. No signs. Ok only 1 access	
45	1337	2 signs. Beach/Blockhead	Yes
46		Beach Road	
47	1349	Boldhead Road	
	1350	No signage. Layby and road and river. Just before Kakapotohi River Bridge. Large free camping area. No name shingle road. River access	Yes
48	1410 hrs	Main Rod. 50 metres up from Beach Road	
		Waitana Road. Right. No sign entering road.	Yes
49	1412 hrs	Layby sign	
50 & 51	1424 hrs	Information signs (had green dots)	Yes

		Information signs more appropriate. Waitana track. 1 st operation. You are here.	
52 & 53	1424 hrs	2 signs. Both aerals	
53 & 54	1426 hr	2 information signs. Both aerals. No public access. Farms	Yes
55	1434 hrs	No name road bush track. Shingle . parallel to Waitana. Signs. Aerial signs. Information signs. Taped off. Danger. You are here. 1080 pellets.	Yes
		Suggest sign stating road is closed at beginning of the main road intersection. 10 minute drive. To Waitana Road. Forestry track. Opposite Kakapotahi Scenic Reserve sign.	
	1510 hrs	Grey station wagon. Male and female. U turn. Hi guys. Taking video/photo. Registration not obtained.	
56	1312 hrs	Main road, right side of road.	
57	1316 hrs	Ferguson Scenic Reserve. Information signs	Yes
58	1518 hrs	Main road - tree	
59	1519 hrs	Main road - right	
60	1520 hrs	Main road tree and DOC sing right	
61	1522 hrs	Main road - left	
62	1524 hrs	Main road – right (more signs than on map)	
63	1523 hrs	Lookout Main Road. Sign. Non at monument. Right	
64	1530 hrs	Sign on right	
65	1558 hrs	Wall Road Information sign. Fishing area	Yes
66	1705 hrs	MacArthur Road. Information board. Private property. Spoke to farmer	Yes
67	1754 hrs	Stop Bank Road. By the river	Yes
68 & 69	1752 hrs	Whitcombe Valley Road. Access sign to road	Yes
		Need sign at cycle trail/car park area/information site. Also at Hokitika track.	Yes

Mona Andreas sent txts to Cheryl Brunton advising Medical Officer of Health, audit results and suggestions for further signage.
All signage placed in good positions, obvious and sufficient.

9(2)(a)

Ministry of Health (Contractor)

RELEASED UNDER THE OFFICIAL INFORMATION ACT