

Cocksburn Reservoir/Dumyat Footpath Works – Environmental Clerk of Works Report

Author James Bunyan, Tracks Ecology Tel: 07528865557 Email: info@tracksecology.com
Report No. - Week commencing 15 – 23/04/2018
Site visit 23/04/2018
Weather during visit Mild with light showers and gusty wind.
Report Issued 24/04/2018



- Summary of construction activity on site**
- Cocksburn Reservoir works completed around reservoir and now working back to compound area.
 - Top surface works on Section 9, 4 and 2 on Dumyat complete with only minor snagging required.
 - Approximately 180m of Section 6 path sub-base construction complete with early installation of culverts where required.
- ECoW Activities**
- Checks of existing drainage and silt mitigation.
 - Walkover Cocksburn Reservoir and Dumyat Hill route.
 - Discussions with McGowans with respect to ongoing activities on Section 6 and issues encountered.
- Anticipated future activities on site**
- Completion of Cocksburn Reservoir route within next two weeks or so.
 - Continuation of sub-base construction along Section 6
- Information Requests**
- Concerns over Revised CEMP and SWMP highlighted by SPEN – no further revisions received to date.
- Observed Good Practice**
- Avoidance of works within wet areas during periods of rainfall, reducing potential for disturbance to GWDTEs.
 - Good use of plant nappies throughout site including up on hill.
 - Use of appropriate drainage where required with drainage ditches within pathway sites running clear.
 - Good quality reinstatement continues.
 - Good use of silt fences and other drainage management features
 - Petty whin plants adjacent to works are coming into leaf and do not appear to have been impacted by works.

New ECoW Observations					
Ref	Site Area	Category	Details	Recommendations	Importance
15.1	Dumyat	Protected Species	Potential nesting meadow pipits approximately 20m south of line of path at end of Section 6.	At present potential nesting location is far enough away from works corridor, especially considering the path is relatively busy. No additional mitigation required, but vigilance by workforce is required. If concerns arise then workers should minimise the amount of time spent outside of machines in areas of concern. Communications with ECoW should be undertaken if nests within 20m of working corridor are suspected.	Moderate

Photographs



Bridge installation and good reinstatement



11.1 Section cleared of material and reinstated



Petty whin coming into leaf



Sub-base path construction in Section 6.

Early installation of culverts and silt mitigation in Section 6.

15.1 Location of potential meadow pipit nesting.

Ongoing ECoW Observations					
Ref	Site Area	Category	Details	Ongoing Notes	Importance
14.3	Dumyat	Sensitive Habitats/Species	Works along Section 6 is now underway and particular care is required to limit impacts on GWDTEs.	Discussions between McGowans and ECoW were undertaken during site visit, with approach agreed. In summary line of path is to avoid significant area of potential GWDTEs. Where crossing such habitats, localised flushed areas will be avoided with appropriate water management (culvert with diffuse outfall) will be sensitively installed. Extensive ditching will be avoided in sensitive areas to avoid any significant changes in hydrological connectivity. Culvert locations discussed and agreed. Path construction and water management to be monitored for effectiveness. Works are in line with those proposed on Tracks Ecology Drawing 18/001/MCG/004 GWDTE Mitigation. 23/04/2018 – Care is being taken around GWDTEs areas with works suspended during wet weather to limit disturbance. Footprint of works is being kept to a minimum with early	Moderate

				installation of culverts and use of silt fences resulting in no silt issues arising. Area to be monitored with continuation of existing sensitive working practices.	
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Recently Closed ECoW Observations					
Ref	Site Area	Category	Details	Notes	Closed
11.1	Cocksburn	Habitats	Storage of top layer material has mixed with adjacent turves, making reinstatement more difficult.	<p>Ensure that turves are not contaminated with stored materials. Ensure that as much material as possible is removed from turves and adjacent habitat as is possible during reinstatement.</p> <p>04/04/2018 – Issue noted by McGowans and area is to be tidied and reinstated as soon as weather allows.</p> <p>10/04/2018 – Reinstatement of area has not been undertaken to date but will be completed as section of path is reinstated to avoid further double handling of material.</p> <p>16/04/2018 – Majority of stored material now removed and reinstatement works along section likely in coming days.</p> <p>23/04/2018 – Area has been reinstated well.</p>	23/04/2018
14.1	Cocksburn	Sensitive Habitats/Species	Section of wet grassland east of reservoir dam has been significantly disturbed by vehicles.	This is unrelated to McGowans work and is assumed to be as a result of members of the public using the location for parking. Included within this report as a record.	23/04/2018
14.2	Dumyat	Sensitive Habitats/Species	Reinstatement has been slightly impacted upon by movement of cattle across sections of path – particularly within Section 9.	Although disturbance is not extensive, it is noted that some impact on reinstatement has been caused and is not easily controlled. Ad hoc repairs have been undertaken but further disturbance is possible. Issue likely to become less of an issue as reinstatement becomes settled.	23/04/2018
13.1	Cocksburn	N/A	Presence of natural oils within compound area at head of Cocksburn Reservoir path. Seepage is occurring from within the compound area but also outwith upslope.	These oils were confirmed as natural with areas both within and outwith the works area. Observation noted in case of comment from members of the public.	16/04/2018

				16/04/2018 – No further actions required.	
13.2	Cocksburn	Protected Species	Frogspawn is present within areas of standing water. Some disturbance to these areas has occurred from vandalism of culvert headwall stones.	<p>With respect to McGowans work, ensure that prior to removal of silt fences no frogspawn/tadpoles are present within pooling water behind. Depending on situation, If present, then leave silt fence in situ until tadpoles have developed into froglets. If wider standing water is present then fences may be removed.</p> <p>16/04/2018 – no further works proposed in location of identified spawn. Headwall stone will be replaced on final snagging to avoid potential for further disturbance of location.</p>	16/04/2018
13.3	Dumyat	Material storage	Culverts stored up on Section 6 are not secured and there is risk of culverts being blown across site.	<p>Consider securing any objects potentially subject to being blown around.</p> <p>16/04/2018 – Culverts being installed. Concerns over windblow and interference of unsecured materials highlighted to McGowans.</p>	16/04/2018

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Cocksburn Reservoir and Dumyat Footpath Works

ECoW Visit 15 - 23/04/2018



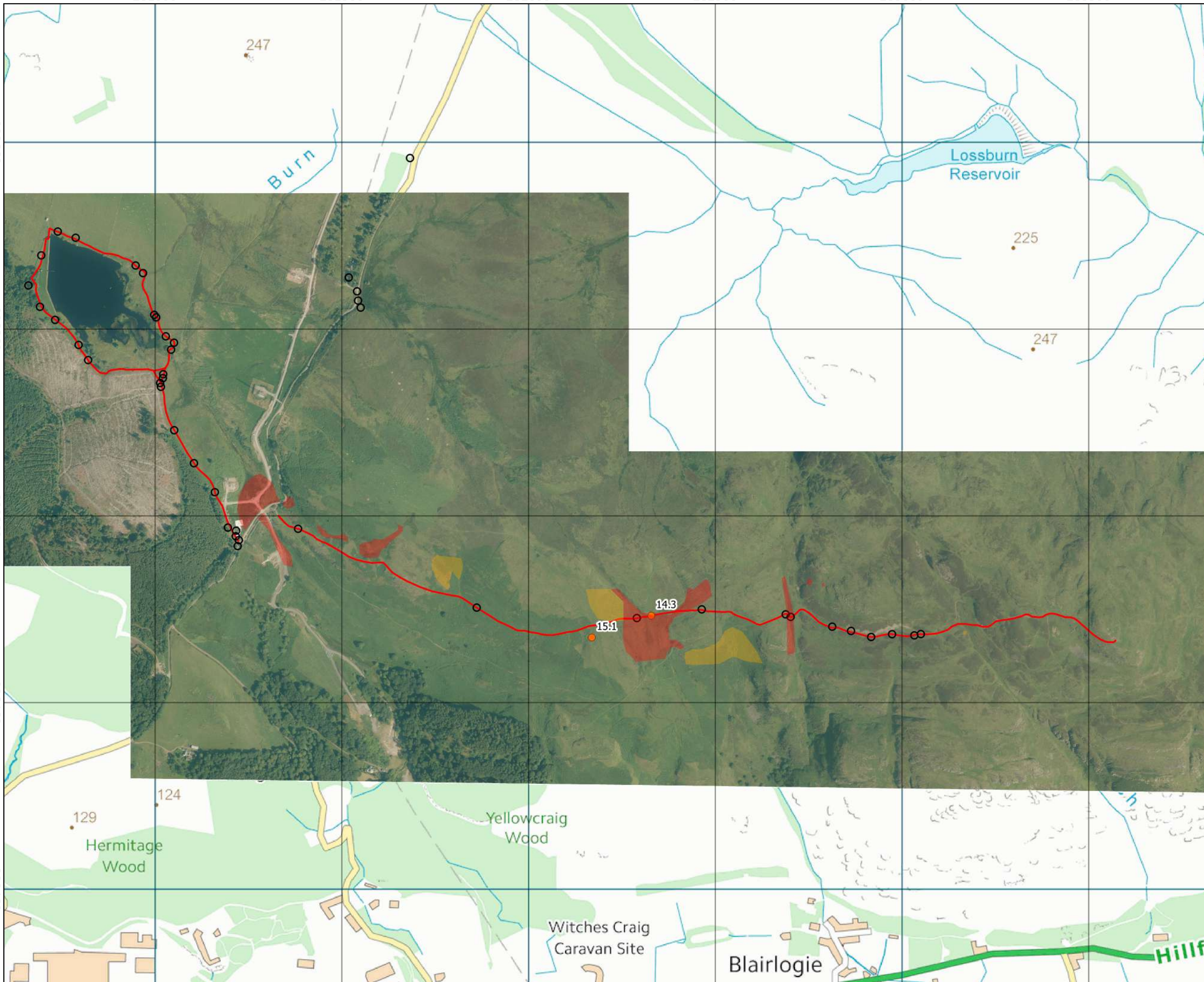
Legend

GWDTE Dependency

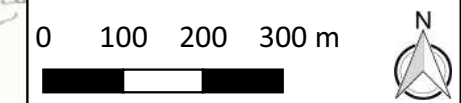
- High Potential
- Moderate Potential

ECoW Observations

- High
- Moderate
- Low
- Resolved
- Updated Proposed Path Routes



Note: Aerial imagery from 2015 during Beauldy Denny construction



Drawing number: 18/001/MCG/016
 Revision: 1
 Date of production: 2018-04-24
 Drawn by: JB - Tracks Ecology
 Projection: British National Grid EPSG:27700
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