

## Appendix A12.1: Contaminated Land Sources

**Table 1: Potentially Contaminated Land Sites within 250m of the Preferred Route Options**

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE05	Filling Station Tesco	Garage / Depot	PSSR	Information from THC (ref IN-GAR-1250). Data retrieved from Trading Standards File I300.	Not investigated
GE06	Aberdeen to Inverness railway line	Railways	PSSR	Made Ground associated with the Aberdeen to Inverness Railway Line which runs parallel to the existing A96 for much of the length of the proposed Scheme. It is known to have opened in 1855 and is in current use.	Not investigated
GE07	Inverness to Lossiemouth fuel pipeline	Fuel oil pipeline	PSSR	Pipeline which runs alongside the existing A96 for much of the length of the proposed Scheme.	Two boreholes located adjacent to GE07 recorded elevated carbon dioxide levels during one round of gas monitoring.
GE09	Stratton Farm petrol tank	Fuel	PSSR	Information from THC (ref IN-GAR-1065). Data retrieved from Trading Standards File BP331.	Not investigated
GE10	Smithton Junction – made ground	Made Ground / Fill	PSSR		One GI location within expected footprint of potential source, however, no made ground was encountered.  One round of gas monitoring was undertaken at this location with no elevated/depleted concentrations of methane, carbon dioxide, carbon monoxide, hydrogen sulphide and oxygen recorded.  One gw sample collected with concentrations of cadmium and mercury marginally above the SEPA derived resource protection values (RPV).
GE11	Millton Mill Dam	Industrial	PSSR		One GI location within expected footprint of potential source, however, no made ground was encountered.
GE12	Borrow pit	Industrial	PSSR	Information from THC (ref IN-MIN-1106). Data retrieved from planning application.	Not investigated
GE13	Allanfearn Waste Water Treatment Works	Sewage Treatment Works	PSSR	A sewage treatment works (Caledonian Water Ltd) at Allanfearn.	Not investigated
GE14	Milltown Mills	Industrial	PSSR	Shown on 1871 map only as disused.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE15	Allanfearn Railway Station	Railways	PSSR	Originally opened in 1855 named Culloden Station (1870 map). It was closed in May 1965.	Not investigated
GE16	Allanfearn pond	Made Ground / Fill	PSSR		Not investigated
GE17	Allanfearn petrol farm tank	Fuel	PSSR	Information from THC (ref IN-GAR-1118). Data retrieved from Trading Standards File I108.	Not investigated
GE18	Allanfearn chimney / furnace	Industrial	PSSR	Unknown purpose but RCHAMS have a record of Farm chimney, Allanfearn, -19th century. 'A typical circular brick chimney, with beaded top, with the ruins of an engine and boiler house'.	Not investigated
GE21	Tile and brickworks	Made Ground / Fill	PSSR	<p>Tile works were noted on the 1871 until 1959 historical maps. The Culloden Brick and Tile Company brickworks were opened in 1847 and remained in use until 1891. The adjacent field was excavated to at least 20' (6m) deep. This area is likely to have been infilled.</p> <p>Site walkover noted this location is now agricultural grassland. Location is depressed below the level of the existing A96. No visible signs of infill, however this may be present. No signs of waterlogging.</p>	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE22	Pit 2	Other	PSSR	Information from THC (ref. IN-MIN-1014).  Site walkover noted this location is now rough ground, which is not cultivated. Likely any former pit has been infilled. Some signs of recent superficial tipping of material (primarily earth / gravel type material).	<p>Eight GI locations were within the expected footprint of potential source with five locations encountering made ground to a total proven depth of 5.75mbgl).</p> <p>A sulphurous odour and putrescible material (rotting wood) were noted during excavation.</p> <p>Gas monitoring at one location has recorded concentrations of methane and carbon dioxide above the HSE published occupational exposure limits for both long and short term reference periods.</p> <p>Nine soil samples were sent for laboratory analysis and did not exceed generic assessment criteria (GAC) for a public space nor a commercial/industrial scenario. Concentrations of beryllium and benzo(a)pyrene are above the residential generic assessment criteria within one sample each. Asbestos was not indentified.</p> <p>Three rounds of gw sampling from one borehole had concentrations of nitrate consistently above the RPV (50mg/l) and occassionally ammoniacal nitrogen marginally above the RPV for ammonium (0.5mg/l).</p>
GE24	Upper Cullernie Farm petrol tank	Fuel	PSSR	Information from THC (ref IN-GAR-1180). Data retrieved from Trading Standards File I105.	Not investigated
GE26	Sand pit 1	Mineral Extraction	PSSR		Not investigated
GE28	Norboard Factory	Industrial	PSSR	The Norboard Factory produces wooden panels for the building industry. It also has a biomass energy plant that uses waste wood products from the factory to generate electricity.	Not investigated
GE31	Dalcross Railway Station	Railways	PSSR	Originally opened in 1855, it was closed in May 1965.	Not investigated
GE33	Sand pit 2	Mineral Extraction	PSSR		Not investigated
GE34	Gravel pit 2	Mineral Extraction	PSSR		Not investigated
GE35	Gravel pit 3	Mineral Extraction	PSSR		Not investigated
GE36	Gravel pit 4	Mineral Extraction	PSSR		Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE39	Inverness Airport	Aviation	PSSR	Current Inverness Airport.	Not investigated
GE40	Culblair Farm petrol tank	Fuel	PSSR	Information from THC (ref IN-GAR-1124). Data retrieved from Trading Standards File I115.	Not investigated
GE41	Culblair Mill Dam	Industrial	PSSR	Believed to be in current use as an ornamental water feature.	Not investigated
GE44	Milton of Gollanfield Mill Dam	Industrial	PSSR	Hunters lodge hotel and filling station.	Not investigated
GE46	Former railway land – Gollanfield Station.	Railways	PSSR		Not investigated
GE47	Filling station	Fuel	PSSR	Information from THC (ref IN-VDL-1001). Data retrieved from Trading Standards File I134.	Not directly investigated, however, one GI location is in proximity  Two soil samples were sent for laboratory analysis and did not exceed GAC for residential, public space and commercial/industrial scenarios. Asbestos was not identified.
GE49	Smithy 2	Industrial	PSSR		Not directly investigated, however, one GI location is in proximity .  Two soil samples were sent for laboratory analysis and did not exceed GAC for residential, public space and commercial/industrial scenarios. Asbestos was not identified.
GE50	Poultry farm	Other	PSSR		Not investigated
GE51	Gollanfield Home Farm petrol tank	Fuel	PSSR	Information from THC (ref IN-WDS-1123). Data retrieved from Trading Standards File I216.	Not investigated
GE53	Gravel pit 6	Mineral Extraction	PSSR		Not investigated
GE54	Smithy 3	Industrial	PSSR		Not investigated
GE56	Gravel pit 7	Mineral Extraction	PSSR		Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE57	Blackcastle Quarry	Mineral Extraction	PSSR	Information from THC (ref NA-MIN-1099). Data retrieved from PPC Licence by SEPA. It is understood that part of the quarry has been decommissioned and landscaped.	<p>16 GI locations were within the expected footprint of potential source with two locations encountering made ground to a total proven depth of 3.2mbgl.</p> <p>Gas monitoring from one location within the extent of Blackcastle Quarry recorded concentrations of carbon monoxide above the HSE published occupational exposure limits for both long and short term reference periods on four separate occasions. In addition concentrations of Hydrogen Sulphide exceeded the occupational exposure limits for the long term reference period on one occasion.</p> <p>15 soil samples were sent for laboratory analysis and did not exceed GAC for both public space and commercial/industrial scenarios. One sample had a lead concentrations above the residential GAC. Asbestos was not identified.</p> <p>Three groundwater samples were sent for laboratory analysis from installed boreholes. Only one had a concentration of cadmium marginally above theRPV.</p>
GE58	Smithy 4	Industrial	PSSR		Not investigated
GE59	Depot	Garage / Depot	PSSR		Not investigated
GE60	Ross Timber Products	Industrial	PSSR	Current saw mill - Ross Timber Products, The Pines, Newlands, Nairn, Morayshire, IV12 5NX.	Not investigated
GE78	Skene Park Farm petrol tank	Fuel	PSSR	Information from THC (ref NA-GAR-1023). Data retrieved from Trading Standards File I201.	Not investigated
GE84	Sand pit 3	Mineral Extraction	PSSR		Not investigated
GE87	Sand pit 4	Mineral Extraction	PSSR		Not investigated
GE98	Old sand pit	Mineral Extraction	PSSR	No obvious signs of old pit observed during site walkover. Location is now agricultural land.	Not investigated
GE99	Sheep dip 3	Other	PSSR		Not investigated
GE100	Sand pit 5	Mineral Extraction	PSSR	Site walkover noted some recent earth / rubble fill at this location. Signs of wetness in topographic lows.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE101	Quarry (disused)	Mineral Extraction	PSSR	No significant excavations / depths of quarrying noted during site walkover. Vegetated mounds of earth, including trees, observed. Potential for mounds to be composed of fill material.	Not directly investigated, however, two GI locations are in proximity with one location encountering made ground to a depth of 0.8mbgl.  One soil sample was sent for laboratory analysis and did not exceed GAC for residential, public space and commercial/industrial scenarios. Asbestos was not identified.
GE130	Easter Glackton Quarry	Mineral Extraction	PSSR	Sand and Gravel.	Not investigated
GE201	Morayhill Quarry	Mineral Extraction	PSSR		Not investigated
GE202	Proclean Highland	Carpet, curtain and Upholstery Cleaners	PSSR	Information obtained from Contemporary Trade Directory Entry detailed within Envirocheck	Not investigated
GE203	Dismantled Railway	Railway Land	PSSR		Not investigated
GE204	Sheep Wash	Other	PSSR		Not investigated
GE205	Cemetery	Burial Ground	PSSR		Not investigated
GE206	old sand pit	Mineral Extraction	PSSR		Not investigated
GE207	Inverness/Culloden Sewerage Network	Combined Sewer Overflow	SEPA CAR Licence	Thornhill Cottage/Cullernie Rd PS, CSO to u/n w/c.	Not investigated
GE208	Inverness/Culloden Sewerage Network	Emergency Overflow	SEPA CAR Licence	Thornhill Cottage/Cullernie Rd PS, EO to u/n w/c.	Not investigated
GE209	Nairn Sewerage Network	Combined Sewer Overflow	SEPA CAR Licence	Mill of Boath CSO, CSO to Auldearn Burn, Auldearn.	Not investigated
GE210	Nairn Sewerage Network	Combined Sewer Overflow	SEPA CAR Licence	Waterloo Cottages CSO, CSO to Auldearn Burn, Nairn.	Not investigated
GE211	Milton of Gollanfield, Gollanfield, Inverness	Discharge to Land	SEPA CAR Licence	Milton of Gollanfield, SDD (2) to Land, Gollanfield, Inverness.	Not investigated
GE212	Milton of Gollanfield, Gollanfield, Inverness	Discharge to Land	SEPA CAR Licence	Milton of Gollanfield, SDD (1) to Land, Gollanfield, Inverness.	Not investigated
GE213	Penick Farm, Auldearn, Nairn, Moray	Discharge to Land	SEPA CAR Licence	Penick Farm, SDD (3) to Land, Nairn.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE214	Penick Farm, Auldearn, Nairn, Moray	Discharge to Land	SEPA CAR Licence	Penick Farm, SDD (2) to Land, Nairn.	Not investigated
GE215	Stoneyfield Cottage, Gollanfield Inverness	Septic Tank Effluent	SEPA CAR Licence	Stoneyfield Cottage, STE to land, Easter Glackton Farm, Gollanfield, Inverness.	Not investigated
GE216	Woodlea (+ 2 properties) SkenePark, Nairn	Septic Tank Effluent	SEPA CAR Licence	Woodlea & 1 & 2 SkenePark, STE to soakaway, Grantown Road, Nairn.	Not investigated
GE217	Allanfearn Farm House, Allanfearn, Inverness	Septic Tank Effluent	SEPA CAR Licence	Allanfearn Farm House, STE to soakaway, Allanfearn, Inverness.	Not investigated
GE220	New House, North Kildrummie, Nairn	Septic Tank Effluent	SEPA CAR Licence	New House @ North Kildrummie, STE to soakaway.	Not investigated
GE221	Station Cottage, Station House, Old Post Offi	Septic Tank Effluent	SEPA CAR Licence	Station Cottage, STE to Soakaway, Inverness.	Not investigated
GE223	Oakdene, Allanfearn, Inverness	Septic Tank Effluent	SEPA CAR Licence	Oakdene, STE to soakaway, Allanfearn, Inverness.	Not investigated
GE224	Bogside of Boath Farmhouse, Nairn	Septic Tank Effluent	SEPA CAR Licence	Bogside of Boath Farmhouse, STE to soakaway, Nairn.	Not investigated
GE225	East Lodge Cottage, Boath, Nairn	Septic Tank Effluent	SEPA CAR Licence	East Lodge Cottage, Boath, STE to soakaway, Nairn.	Not investigated
GE226	No 1,2&3 Gollanfield Farm Cottages, Ardersier	Septic Tank Effluent	SEPA CAR Licence	1, 2, & 3 Gollanfield Farmhouse Cottages, STE to soakaway, Ardersier.	Not investigated
GE227	The Cottage, Allanfearn, Inverness	Septic Tank Effluent	SEPA CAR Licence	The Cottage, STE to soakaway, Allanfearn.	Not investigated
GE228	Faylea, Milton of Culloden, Inverness	Septic Tank Effluent	SEPA CAR Licence	Faylea, STE to soakaway, Milton of Culloden, Inverness.	Not investigated
GE229	Blackcastle, Gollanfield, Inverness	Septic Tank Effluent	SEPA CAR Licence	Blackcastle, STE to soakaway, Gollanfield.	Not investigated
GE230	Newton House, Newton of Petty, Dalcross	Septic Tank Effluent	SEPA CAR Licence	Newton House, Newton Of Petty, STE to soakaway, Inverness.	Not investigated
GE233	Mill O Hill & Drumshee, Lochloy, Nairn	Septic Tank Effluent	SEPA CAR Licence	Mill O Hill, Drumshee, STE to Auldearn Burn, Nairn.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE234	Easter Glackton Farmhouse, Gollanfield (+1)	Septic Tank Effluent	SEPA CAR Licence	Easter Glackton Farmhouse & Farm Steading, STE to soakaway, Inverness.	Not investigated
GE236	Laurel Cottage, Gollanfield	Septic Tank Effluent	SEPA CAR Licence	Laurel Cottage, STE to Land, Gollanfield.	Not investigated
GE238	Drummond Lodge, Collanfield, Inverness	Septic Tank Effluent	SEPA CAR Licence	Drummond Lodge, STE to Soakaway, Inverness.	Not investigated
GE241	Wilmara, Balnaspirach, Nairn	Septic Tank Effluent	SEPA CAR Licence	Wilmara, STE to Soakaway, Balnaspirach.	Not investigated
GE246	Oakleigh, Loch Flemington	Septic Tank Effluent	SEPA CAR Licence	Oakleigh, STE to soakaway, Inverness.	Not investigated
GE247	The Brambles, Stratton, Inverness	Septic Tank Effluent	SEPA CAR Licence	The Brambles, STE to soakaway, Stratton, Inverness	Not investigated
GE251	4 Friars Croft, Milton of Culloden, inverness	Septic Tank Effluent	SEPA CAR Licence	4 Friars Croft, STE to soakaway, Milton of Culloden.	Not investigated
GE253	Skenepark Farm Cottage, Skenepark, Nairn	Septic Tank Effluent	SEPA CAR Licence	Skenepark Farm Cottage, STE to u/t of River Nairn, Skenepark.	Not investigated
GE254	Skenepark Farmhouse, Skenepark, Nairn	Septic Tank Effluent	SEPA CAR Licence	Skenepark Farmhouse, STE to u/t of River Nairn, Skenepark.	Not investigated
GE256	Birch Lodge, Loch Flemington, Inverness	Septic Tank Effluent	SEPA CAR Licence	Birch Lodge, STE to soakaway, Loch Flemington.	Not investigated
GE257	Cotter House, Gollanfield, Inverness	Septic Tank Effluent	SEPA CAR Licence	Cotter House, STE to soakaway, Gollanfield.	Not investigated
GE258	Beldorney, Delnies, Nairn	Septic Tank Effluent	SEPA CAR Licence	Beldorney, STE to soakaway, Delnies.	Not investigated
GE259	1 & 2 Woodside Cottages, Delnies, Nairn	Septic Tank Effluent	SEPA CAR Licence	1 & 2 Woodside Cottages, STE to soakaway, Delnies.	Not investigated
GE260	Highland Food Stop, Gollanfield, Inverness	Septic Tank Effluent	SEPA CAR Licence	Highland Food Stop, STE to soakaway, Gollanfield.	Not investigated



Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE261	Woodside Cottage, Wester Delmies, Nairn	Septic Tank Effluent	SEPA CAR Licence	Woodside Cottage, STE to soakaway, Wester Delmies.	Not investigated
GE262	Green Porch & Brackley Farmhouse, Gollanfield	Septic Tank Effluent	SEPA CAR Licence	Green Porch & Brackley Farmhouse, STE to soakaway, Gollanfield.	Not investigated
GE263	1 Culblair Farm Cottages, Dalcross, Inverness	Septic Tank Effluent	SEPA CAR Licence	1 Culblair Farm Cottages, STE to land.	Not investigated
GE264	2 & 3 Culblair Farm Cottages, Inverness	Septic Tank Effluent	SEPA CAR Licence	2 & 3 Culblair Farm Cottages, STE to Land.	Not investigated
GE265	4 Culblair Farm Cottages, Dalcross, Inverness	Septic Tank Effluent	SEPA CAR Licence	4 Culblair Farm Cottages, STE to land.	Not investigated
GE266	Old Station House, + 3 Gollanfield, Inverness	Septic Tank Effluent	SEPA CAR Licence	Old Station House, STE to land via a soakaway, Gollanfield, Nairn.	Not investigated
GE267	The Bungalow, Ballaggan, Inverness	Septic Tank Effluent	SEPA CAR Licence	The Bungalow, Ballaggan, Inverness, STE to soakaway.	Not investigated
GE268	Blackcastle Cottage, By Inverness	Septic Tank Effluent	SEPA CAR Licence	Blackcastle Cottage, STE to Land, Gollanfield, By Inverness.	Not investigated
GE271	Bridgeview, Milton of Culloden, Inverness	Septic Tank Effluent	SEPA CAR Licence	Bridgeview, STE to land, Milton of Culloden, Inverness.	Not investigated
GE272	Seafield Farmhouse & Cottage, Inverness	Septic Tank Effluent	SEPA CAR Licence	Seafield Farmhouse & Cottage, STE to Moray Firth, Seafield of Raigmore, Inverness.	Not investigated
GE273	Faylea, Milton of Culloden, Inverness	Sewage Treatment Works Final Effluent	SEPA CAR Licence	Faylea, STW FE to U/T of Cairnlaw Burn, Milton of Culloden.	Not investigated
GE274	Inverness Airport SAR Facility, Inverness	Sewage Treatment Works Final Effluent	SEPA CAR Licence	Inverness Airport SAR Facility, STW FE to soakaway.	Not investigated
GE275	1 Milton of Culloden, Inverness	Septic Tank Effluent	SEPA CAR Licence	1 Milton Culloden, STE to land, Inverness.	Not investigated
GE281	Culloden Filling Station, Barn Church Road	Petrol Vapour Recovery	SEPA PPC Licence	Culloden Petrol Station PVR.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE282	Blackpark Farm, Nairn	Waste Management Licence	SEPA WML Licence	Blackpark Farm, Nairn, IV12 5HY.	Not investigated
GE283	Blackpark Farm, Nairn	Waste Management Licence	SEPA WML Licence	Blackpark Farm, Nairn, IV12 5HY.	Not investigated
GE284	Blackcastle Farm, Gollanfield	Waste Management Licence	SEPA WML Licence	Blackcastle Farm, Gollanfield, Inverness, IV2 7QP.	Not investigated
GE285	Blackcastle Farm, Gollanfield	Waste Management Licence	SEPA WML Licence	Blackcastle Farm, Gollanfield, Inverness, IV2 7QP.	Not investigated
GE286	Stratton Farm, Inverness	Waste Management Licence	SEPA WML Licence	Stratton Farm, Inverness, IV2 7NS.	Not investigated
GE287	Drumine Farm, Gollanfield, Inverness	Waste Management Licence	SEPA WML Licence	Drumine Farm, Gollanfield, Inverness, IV2 7QT.	Not investigated
GE288	Mr Stewart Innes & Mr Steven Innes	Septic Tank	Landowner Consultation	Septic tank and oil tank located near the houses. New house in corner of field.	Not investigated
GE290	James and Jean Downie	Septic Tank	Landowner Consultation	Next to building just north of A96. Drains to soakaway.	Not investigated
GE292	Mr James Clarke and Mrs Sylvia Clarke	Septic Tank	Landowner Consultation	Just NE of buildings at Wester Hardmuir Farm.	Not investigated
GE294	Mr George Michie and Mrs Diane Michie	Septic Tank	Landowner Consultation	To the side of building at Hardmuir Croft, oil tank on the opposite side of the building (not too clear which side is which).	Not investigated
GE295	Mr & Mrs Pullan	Septic Tank	Landowner Consultation	Septic tank is in their garden and drains to soakaway.	Not investigated
GE297	John and Deirdre Mackintosh	Septic Tank	Landowner Consultation	Notes say that there is a septic tank located near houses and a soakaway in Gordon's Wood. Not marked on map however.	Not investigated
GE299	Mr David Phillip	Septic Tank	Landowner Consultation	Septic tanks feed into burn. Northern tank for cottages has a soakaway. (Only one septic tank is marked on the map).	Not investigated
GE300	Elaine & Steven Bailey	Septic Tank	Landowner Consultation	Septic tank near house.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE301	Mr Henry Sleigh	Septic Tank	Landowner Consultation	Notes say "Septic Tanks", unclear where they are as not marked on map. Assume they would be close to buildings.	Not investigated
GE302	Malcolm Davidson	Septic Tank	Landowner Consultation	Soakaway from septic tank drains into Auldearn Burn.	Not investigated
GE305	Estate of Charles Hynman Allenby	Septic Tank	Landowner Consultation	Septic tanks located beside buildings.	Not investigated
GE306	Estate of Charles Hynman Allenby	Septic Tank	Landowner Consultation	Septic tanks located beside buildings.	Not investigated
GE307	Margaret Nicolson & Gordon Nicolson	Septic Tank	Landowner Consultation	Septic tank for all properties, steading and house.	Not investigated
GE309	Cawdor Maintenance Trust	Septic Tank	Landowner Consultation	Only one septic tank location explicitly marked. Also a septic tank at Blackcastle cottage. Septic tank at drumdivan. Also septic tanks at old Smithy and Mardon House as well as at Quarry.	Not investigated
GE310	Euan Forbes and Hamish Forbes	Septic Tank	Landowner Consultation	Septic tank at Broadley.	Not investigated
GE312	Mr and Mrs Nield	Septic Tank	Landowner Consultation	Septic tank located within their land, known to be affected by flooding and high water table.	Not investigated
GE313	Jim and Pat Ellistone	Septic Tank	Landowner Consultation	Septic tank is located in their neighbour's yard.	Not investigated
GE314	Thomas and Maureen Wilson	Septic Tank	Landowner Consultation	Septic tank on the boundary - serves all properties and is emptied as required.	Not investigated
GE315	Mr Andrew MacDonald	Septic Tank	Landowner Consultation	New septic tank and soakaway put in recently, next to house.	Not investigated
GE316	Christina Temple	Septic Tank	Landowner Consultation	Septic tank - emptied once in 20 years	Not investigated
GE317	Mr & Mrs MacKintosh	Septic Tank	Landowner Consultation	One behind and one in front of house (emptied 3 times in 30 years).	Not investigated
GE318	Mr John Baird & Mrs Joanna Baird	Septic Tank	Landowner Consultation	Septic tank in garden.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE319	Stewart MacKinnon	Septic Tank	Landowner Consultation	Landowner comment: "Septic tank rear west - soakaway at bottom of slope".	Not investigated
GE320	Mr & Mrs McMonagle	Septic Tank	Landowner Consultation	Septic tank on other side of road from house, near new bridge road. Soak away attached.	Not investigated
GE321	John and Jane Smith	Septic Tank	Landowner Consultation	Septic tank under trees in garden.	Not investigated
GE322	Mr & Mrs Maclean	Septic Tank	Landowner Consultation	Septic tank in field next to house.	Not investigated
GE328	Mr William Rose	Septic Tank	Landowner Consultation	Landowner comment: "At house on west x 4".	Not investigated
GE329	Mr William Wright & Ms Fiona MacIntyre	Septic Tank	Landowner Consultation	Meeting was also attended by Ms Etta Rengaa, the tenant from 1 Home Farm Cottages, Allison Walker from Burnside Cottage, Margaret Scott from the Gollanfield Steading and Stuart McColm from Little Gollanfield. Meeting notes state that all attendees have septic tanks near their houses.	Not investigated
GE331	Una Lee & Ivor Davis	Septic Tank	Landowner Consultation	Septic tank on land, soakaway on Moray Estates land to north. No map in notes.	Not investigated
GE332	Mr David William Macbean	Septic Tank	Landowner Consultation	Back of house, emptied every few years, old stone septic tank.	Not investigated
GE333	Violet and Alistair Wardaugh	Septic Tank	Landowner Consultation	Soakaway though to be on the other side of the railway - on the embankment of the rail.	Not investigated
GE334	Mr Robert Cameron and Mrs Elizabeth Cameron	Septic Tank	Landowner Consultation	Shared between two properties, emptied infrequently.	Not investigated
GE335	Ms Flora Taylor	Septic Tank	Landowner Consultation		Not investigated
GE337	Mr Patrick Bradley and Mrs Jane Bradley	Septic Tank	Landowner Consultation	Septic tanks discharge into the burn, 3 in total (cottages, farmhouse and doran house).	Not investigated
GE338	Mr Patrick Bradley and Mrs Jane Bradley	Septic Tank	Landowner Consultation	Septic tanks discharge into the burn, 3 in total (cottages, farmhouse and doran house).	Not investigated
GE343	Mrs Jennifer Fraser	Septic Tank	Landowner Consultation	Septic tank is located next to her property and soakaway is in neighbouring field, it hasn't been emptied since the house was built 10 years ago.	Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE344	Colin Kinnaird	Septic Tank	Landowner Consultation	Septic tank is located on their property, emptied on contract once every 3 years.	Not investigated
GE345	Donald & Margaret Kinnaird	Septic Tank	Landowner Consultation	Septic tank is located on their property, emptied on contract once every 3 years.	Not investigated
GE352	John and Linda Gallagher	Septic Tank	Landowner Consultation	Has a septic tank on his property. Stated that all the properties in this area have septic tanks.	Not investigated
GE357	Mr Patrick Bradley and Mrs Jane Bradley	Septic Tank	Landowner Consultation	Septic tanks discharge into the burn, 3 in total (cottages, farmhouse and doran house).	Not investigated
GE358	Mr Patrick Bradley and Mrs Jane Bradley	Septic Tank	Landowner Consultation	Septic tanks discharge into the burn, 3 in total (cottages, farmhouse and doran house).	Not investigated
GE359	Mr Patrick Bradley and Mrs Jane Bradley	Septic Tank	Landowner Consultation	Septic tanks discharge into the burn, 3 in total (cottages, farmhouse and doran house).	Not investigated
GE361	Culloden Foods Ltd	Industrial	Highland Council		Not investigated
GE364	Culloden Service Station Inverness	Industrial	Highland Council		Not investigated
GE365	Gravel pit	Mineral Extraction	Highland Council		Not investigated
GE366	Gravel pit	Mineral Extraction	Highland Council		Not investigated
GE369	Forestry Commission, Smithton	Other	Highland Council		Not investigated
GE370	Dump at Scretan Bridge, Inverness	Other	Highland Council		Not investigated
GE373	Sand pit	Mineral Extraction	Highland Council		Not investigated
GE374	Gravel pit	Mineral Extraction	Highland Council		Not investigated
GE376	Smithy	Industrial	PSSR		Not investigated
GE377	Old gravel pit	Mineral Extraction	PSSR		Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information	
GE378	Land plot P0226	Septic Tank	Landowner Consultation		Not investigated	
GE379	Mr Robert Mackaskill and Mrs Angela Macaskill	Septic Tank	Landowner Consultation	Yes contract with SEPA, emptied every 2/3 years.	Not investigated	
GE380	Mr John & Mrs Mary MacLennan	Septic Tank	Landowner Consultation	1 x Farm, 1 x House. Both have soakaways.	Not investigated	
GE381	Mr John & Mrs Mary MacLennan	Septic Tank	Landowner Consultation	1 x Farm, 1 x House. Both have soakaways.	Not investigated	
GE382	Mr William Cattell	Septic Tank	Landowner Consultation	Natural soakaway.	Not investigated	
GE383	Drumdivan	Septic Tank	Landowner Consultation		Not investigated	
GE384	Blackcastle Quarry	Septic Tank	Landowner Consultation		Not investigated	
GE387	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation	Mr Howard advised that the only public sewerage system in the area is at Tornagrain, serving the settlement of Tornagrain. All other properties within Moray Estates land will have septic tanks. Doesn't know exact numbers or locations. Indicative locations of properties likely to have septic tanks are given and marked on consultation plan. Also a septic tank at Balblair cottage (owned by Moray Estates).	Not investigated	
GE388	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Not investigated	
GE389	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Not investigated	
GE393	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Not investigated	
GE395	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Not investigated	
GE396	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Not investigated	
GE397	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation		Mr Howard advised that the only public sewerage system in the area is at Tornagrain, serving the settlement of Tornagrain. All other properties within Moray Estates land will have septic tanks. Doesn't know exact numbers or	Not investigated
GE398	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation			Not investigated

Source Reference	Source Name / Location	Source Type	Source Origin	Comment	2016 Ground Investigation Information
GE399	Mr Howard (Moray Estates)	Septic Tank	Landowner Consultation	locations. Indicative locations of properties likely to have septic tanks are given and marked on consultation plan. Also a septic tank at Balblair cottage (owned by Moray Estates).	Not investigated
GE400	Mr Alexander Shaw	Septic Tank	Landowner Consultation		Not investigated
GE413	Mr Alexander Shaw	Septic Tank	Landowner Consultation		Not investigated
GE414	Mr Alexander Shaw	Septic Tank	Landowner Consultation		Not investigated
GE417	2016 Ground Investigation Location	Made Ground	Ground Investigation		<p>Made ground was encountered to a maximum depth of 2mbgl. At this depth a pea gravel was observed indicating the presence of underground services and therefore the excavation was abandoned. No direct potential contaminative source identified during the desk study but location is in proximity to the Smithon Junction (GE10) where made ground was expected.</p> <p>Analytical testing of soil samples was not undertaken for this location.</p>
GE418	2016 Ground Investigation Location	Made Ground	Ground Investigation		<p>Made ground was encountered to a total proven depth of 3.6mbgl. No direct potential contaminative source identified during the desk study but location is in proximity to the Smithon Junction (GE10) where made ground was expected.</p> <p>No exceedances of residential, public space and commercial/industrial GACs were noted within the two soils samples selected for laboratory analysis. Asbestos was not identified.</p>
GE424	Gas Distribution Station	Fuel Oil Pipeline	OS Maps		Not investigated
GE425	Nairn Camping and Caravanning Club Site	Septic Tank	Landowner Consultation		Not investigated
GE426	Upper Cullernie Cottages	Septic Tanks	Landowner Consultation		Not investigated