

Enbridge Pipelines Inc.
Line 3 Replacement Program
Breeding Bird Survey

| Location | | | Date and Timing of Survey | | | | | Observations | | | | | Nesting / Breeding Details | | | | | Site Specific Mitigation | | | | | | | |
|----------|------------|-----------|---------------------------------|----------------|----------------|--------------------|-----------------------------|---|---|--|--|----------------|----------------------------------|-------------------------------|------------------------------|-----------------------|----------------------------------|---------------------------|------------------------------------|--|---|--|-----------------------------|-------------------------------|---|
| Spread | SXRP Start | SXRP Stop | Legal Location | Land Use | Date of Survey | Date Sweep Expires | Survey Timing (Time of Day) | Weather Conditions | Incidental Species Observations (JusT) | Nesting / Breeding Behaviour Identified (Yes/No) | Nest Species Observation (4 Letter Code) | Unique Nest ID | SARA or COSEWIC (Species Yes/No) | Nest/Breeding Location (SXRP) | Nest/Breeding Location (UTM) | Behaviour(s) Observed | Nest Stage of Development | Distance to project (met) | Species Restricted Activity Period | Activity Allowed? Yes No Yes with Mitigation | Recommended Mitigation | Species Specific Buffer Distance Applied (m) | Existing Disturbance Levels | Monitoring / Follow up | Comments |
| 1 | 190.17 | 190.23 | NE 25-27-01 W&M | Native Prairie | 26-Jul-20 | 2-Aug-20 | 7:51 | Sunny, T1C, 18km/hr wind | SPPI | Yes | WEME | WEME_DBP_001 | No | 100.20 | 13U 567935 5784954 | Nest | Active - eggs | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest checks | July 26- nest and eggs hatched. Adult flushed from nest. At the base of Russian thistle plant. Burly on bare soil. |
| 2 | 187.67 | 187.73 | NE 17-32-21 W&M | Hay/Cultivated | 23-Jul-20 | 30-Jul-20 | 8:00 | Sunny, Partly Cloudy, TBC, 20km/hr wind | N/A | Yes | MALL | MALL_DBP_006 | No | 187.70 | 13U 642309 5744268 | Nest | Active - eggs | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest Checks | July 23- 50m from MALL_DBP_001. Monitor on nest with 1 freshly hatched seedlings. No landmark near by. 30m buffer extends past MALL DBP 001. |
| 2 | 187.73 | 187.79 | NE 17-32-21 W&M | Hay/Cultivated | 23-Jul-20 | 30-Jul-20 | 8:00 | Sunny, Partly Cloudy, TBC, 20km/hr wind | N/A | Yes | MALL | MALL_DBP_005 | No | 187.76 | 13U 642350 5744242 | Nest | Active - nestlings | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest Checks | July 23- Midland mother on nest. Near fence line. 1 egg in nest. Nest had feathers. Hairy bird larvae. |
| 2 | 221.09 | 221.15 | NE 64-32-18 W&M | Native Prairie | 26-Jul-20 | 27-Jul-20 | 5:47 | Sunny, Partly Cloudy, TBC, 12km/hr wind | SPPI | Yes | WEME | WEME_DP_002 | No | 221.12 | 13U 067305 5732558 | Nest | Active - nestlings | 1 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest Checks | July 26 one nest with actual bird flutters observed. 2 fledglings. Nest on ROW. Stake closed area buffer to south corner of nearby road. Adult grass like. setting in buffer. 10-15m from buffer). Holes in area. Stakes placed strategically for visualization and way. |
| 2 | 221.39 | 221.45 | SW 03-32-18 W&M | Native Prairie | 27-Jul-20 | 28-Jul-20 | 4:57 | Partly Cloudy, Sunny, TBC, 10km/hr wind | N/A | Yes | KILL | KILL_DP_004 | No | 221.42 | 13U 067310 5732593 | Distraction Display | Active - fledglings | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | N/A | Medium | Nest Checks | July 27- adult seen with freshly fledged juvenile. No nest found. Aggressive distraction display (seen with fledgling display). Activity flying around biologist and calling predator. |
| | 419.53 | 419.59 | NW 09-23-29 W&M | Native Prairie | 15-Jul-20 | 22-Jul-20 | 4:50 | Sunny, ZTC, 23km/hr wind | N/A | Yes | GRSP | GRSP_DP_01 | No | 419.56 | 13U 429812 5646638 | Nest | Active - nestlings | 3 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest Checks | Nest found by biologist. |
| 4 | 421.23 | 421.29 | SW 10-23-29 W&M | Native Prairie | 16-Jul-20 | 23-Jul-20 | 5:03 | Sunny, 16C, 20km/hr wind | AMGO.SAVS,GRSP,NOLA,EAKI,SPPI,VESP,AMR,QCCSP | Yes | SAVS | SAVS_DP_001 | No | 421.26 | 13U 437286 5643749 | Distraction Display | Active - other | 1 | N/A | Yes, with Mitigation | Any activities within the setback buffer require a Wildlife Monitor to be onsite. Limit frequency and duration of activities within the setback buffer. | 30 | None | Nest Checks | Adult following monitor and chirping. Continued agitated behaviour for 5 hours while biolgist was in area. |
| 4 | 421.66 | 421.72 | SW 10-23-29 W&M SE 10-23-29 W&M | Native Prairie | 16-Jul-20 | 23-Jul-20 | 5:03 | Sunny, 14C, 20km/hr wind | AMGO.SAVS,GRSP,NOLA,EAKI,SPPI,VESP,AMR,QCCSP | Yes | WEME | WEME_DP_001 | No | 421.69 | 13U 431616 5643547 | Nest | Active - nestlings | 2 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | None | Nest Checks | One adult on nest, two nestlings. Approx 2.3m from north ROW boundary. 30m buffer applied. |
| 5 | 567.91 | 568.01 | SE 32-16-17 W&M | Disturbed Land | 13-Jul-20 | 20-Jul-20 | 6:39 | Partly cloudy, 10C 6km/hr wind | GRPS,SAVS,WEME,RWBLCSP | Yes | STGR | STGR_BLS_033 | No | 567.96 | 13U 549587 5581457 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 50 | Low | Nest Checks | June 16-Female incubated, clutch of 12 eggs. On reclaimed acre, close to southern boundary of reclaimed area near shrub habitat, amongst leafy spruce. June 21-Female flushed, 12 eggs present in nest. Buffer remains. July 13-No adult female present. Nest has 2 "dud" eggs that didn't hatch. The other eggs June 17-multiple nestlings were visible through the setback buffer. One male on nest. June 20-Six multiple breeding males singing on territory. Buffer left up. June 23-Multiple males singing on breeding territory. Buffer remains. July 14-Monitoried area for RBOB, after 15 minutes of no activity sweepers moved on. One pair of adults on the ground near the buffer. The birds were very active and noisy. One male and one female were moving and will not leave anyone working in there for awhile. Remaining buffer got RBBL remains to RLL are fledged. July 14-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 569.71 | 570.11 | NE 26-16-17 W&M NW 27-16-17 W&M | Hay | 15-Jul-20 | 22-Jul-20 | 4:33 | Partly Cloudy, 10C, 8 km/hr wind | LEFL,COSP,EAKI,WEXI,BASA,AMRE,SPPI,RWBLS,AVS,MAGO,WLL | Yes | BORO | BORO_BLS_036 | Yes | 569.91 | 13U 551642 5581253 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 200 | Low | Monitor for breeding activity | June 17-multiple nestlings were visible through the setback buffer. One male on nest. June 20-Six multiple breeding males singing on territory. Buffer left up. June 23-Multiple males singing on breeding territory. Buffer remains. July 14-Monitoried area for RBOB, after 15 minutes of no activity sweepers moved on. One pair of adults on the ground near the buffer. The birds were very active and noisy. One male and one female were moving and will not leave anyone working in there for awhile. Remaining buffer got RBBL remains to RLL are fledged. July 14-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 570.02 | 570.22 | NE 26-16-17 W&M NW 27-16-17 W&M | Pasture | 16-Jul-20 | 23-Jul-20 | 8:45 | Sunny, Hot, 22C | N/A | Yes | KILL | KILL_BLS_044 | No | 570.13 | 13U 551661 5581161 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 10 | Low | Nest Checks | June 17-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 570.22 | 570.42 | NW 27-16-17 W&M | Pasture | 14-Jul-20 | 21-Jul-20 | 4:33 | Partly Cloudy, 10C, 8 km/hr wind | LEFL,COSP,EAKI,WEXI,BASA,AMRE,SPPI,RWBLS,AVS,MAGO,WLL | Yes | KILL | KILL_BLS_035 | No | 570.32 | 13U 551871 5581185 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the South portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 100 | Low | Nest Checks | June 17-Adult displaying broken wing. 4 eggs in nest. 1m from gravel access road on Northside, near valve house. June 20-Adult still present. 4 eggs in nest. Buffers left up. June 23-Adult displaying broken wing. 4 eggs still present in nest. Buffer remains. July 14- No adult present, no nestlings or eggs. Buffer removed. June 17-multiple nestlings were visible through the setback buffer. One male on nest. June 20-Six multiple breeding males singing on territory. Buffer left up. June 23-Multiple males singing on breeding territory. Buffer remains. July 14-Monitoried area for RBOB, after 15 minutes of no activity sweepers moved on. One pair of adults on the ground near the buffer. The birds were very active and noisy. One male and one female were moving and will not leave anyone working in there for awhile. Remaining buffer got RBBL remains to RLL are fledged. July 14-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 570.66 | 571.06 | NW 27-16-17 W&M NE 27-16-17 W&M | Pasture | 15-Jul-20 | 22-Jul-20 | 4:33 | Partly Cloudy, 10C, 8 km/hr wind | LEFL,COSP,EAKI,WEXI,BASA,AMRE,SPPI,RWBLS,AVS,MAGO,WLL | Yes | BORO | BORO_BLS_039 | Yes | 570.86 | 13U 552460 5581127 | Breeding Behaviour | Inactive - fledged | 70 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 200 | Low | Monitor for breeding activity | June 17-multiple nestlings were visible through the setback buffer. One male on nest. June 20-Six multiple breeding males singing on territory. Buffer left up. June 23-Multiple males singing on breeding territory. Buffer remains. July 14-Monitoried area for RBOB, after 15 minutes of no activity sweepers moved on. One pair of adults on the ground near the buffer. The birds were very active and noisy. One male and one female were moving and will not leave anyone working in there for awhile. Remaining buffer got RBBL remains to RLL are fledged. July 14-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 572.99 | 573.39 | NE 26-16-17 W&M NW 25-16-17 W&M | Pasture | 15-Jul-20 | 22-Jul-20 | 4:33 | Partly Cloudy, 10C, 8 km/hr wind | LEFL,COSP,EAKI,WEXI,BASA,AMRE,SPPI,RWBLS,AVS,MAGO,WLL | Yes | BORO | BORO_BLS_037 | Yes | 573.19 | 13U 554713 5580830 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 200 | Low | Monitor for breeding activity | June 17-multiple nestlings were visible through the setback buffer. One male on nest. June 20-Six multiple breeding males singing on territory. Buffer left up. June 23-Multiple males singing on breeding territory. Buffer remains. July 14-Monitoried area for RBOB, after 15 minutes of no activity sweepers moved on. One pair of adults on the ground near the buffer. The birds were very active and noisy. One male and one female were moving and will not leave anyone working in there for awhile. Remaining buffer got RBBL remains to RLL are fledged. July 14-Adult present displaying broken wing. 3 nestlings in nest, one egg left to hatch. |
| 5 | 587.24 | 587.34 | SW 20-16-15 W&M | Cultivated | 24-Jul-20 | 31-Jul-20 | 9:02 | Partly cloudy, 13C, 7km/hr wind | EAKI,RWBLL,MALL,YRWA,AMGO,BARS | Yes | HOLA | HOLA_BLS_041 | No | 587.29 | 13U 568507 5578683 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | Low | Nest Checks | June 26- No adult present for the second time during check but 4 eggs still present. Buffer remains. June 22-Adult flushed, 4 eggs in nest. Nest is far edge of field, in riparian forest to the east. June 26-Adult near by alarm calling, didn't flushed, having a hard time finding nest but active breeding Behaviour still present. In wetland area as well. Buffer remains. |
| 5 | 590.34 | 590.54 | NE 16-16-15 W&M NW 15-16-15 W&M | Cultivated | 18-Jul-20 | 25-Jul-20 | 9:02 | Partly cloudy, 13C, 7km/hr wind | EAKI,RWBLL,MALL,YRWA,AMGO,BARS | Yes | SPSA | SPSA_BLS_042 | N/A | 590.44 | 13U 571152 5577784 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | High | Nest Checks | June 26-Adult near by alarm calling, didn't flushed, having a hard time finding nest but active breeding Behaviour still present. In wetland area as well. Buffer remains. |
| 5 | 593.24 | 593.30 | NE 11-16-15 W&M | Tame Pasture | 16-Jul-20 | 23-Jul-20 | 5:00 | Sunny, 10C, 5km/hr wind | LOSH,EAKI,WEXI | Yes | SAVS | SAVS_BLS_053 | No | 593.27 | 13U 573677 5576517 | Nest | Active - eggs | 0 | N/A | Yes, with Mitigation | Restrict travel to be along the South portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | None | Nest checks | July 16- Female flushed, 4 eggs present in nest. Nest is under tall weed cover near a North to South fence line. |
| 5 | 593.39 | 593.79 | NE 11-16-15 W&M | Tame Pasture | 16-Jul-20 | 23-Jul-20 | 5:00 | Cloudy, Cool, 14C, 5km/hr wind | NOFL,MRLR,THA,HOWLE,LEFL,AMRO,COSP,RWBLL,KILL,YHBL | Yes | BORO | BORO_BLS_051 | No | 593.56 | 13U 573981 5576381 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 200 | Low | Monitor for breeding activity | July 11- Breeding pair, female and male, both are alarm calling, female went down to resting area once we stepped away. July 16- Adults and fledglings present in area. Second nest check recommended. |
| 5 | 600.25 | 600.35 | NW 33-15-14 W&M | Cultivated | 23-Jul-20 | 30-Jul-20 | 5:30 | Sunny, 10C, 5km/hr wind | BORO,RWBLL,COSP,KILL,TRES,BARS,SOSP,VESP,MAGO,SPSA | Yes | BARS | BARS_BLS_049 | Yes | 600.30 | 13U 580076 5573645 | Nest | Inactive - fledged | 0 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | Low | Nest Checks | July 16- No adult present for the second time during check but 4 eggs still present. Buffer remains. June 22-Adult flushed, 4 eggs in nest. Nest is far edge of field, in riparian forest to the east. June 26-Adult near by alarm calling, didn't flushed, having a hard time finding nest but active breeding Behaviour still present. In wetland area as well. Buffer remains. |
| 5 | 600.92 | 600.98 | NE 33-15-14 W&M | Tame Pasture | 23-Jul-20 | 30-Jul-20 | 5:30 | Sunny, 10C, 5km/hr wind | BORO,RWBLL,COSP,KILL,TRES,BARS,SOSP,VESP,MAGO,SPSA | Yes | COSP | COSP_BLS_050 | No | 600.85 | 13U 580543 5573350 | Nest | Inactive - fledged | 1 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Low | Nest Checks | July 16- BARS nest located in cropped field, nestlings close to being fledged. Buffer removed. June 22-Adult flushed, 4 eggs in nest. Nest is far edge of field, in riparian forest to the east. June 26-Adult near by alarm calling, didn't flushed, having a hard time finding nest but active breeding Behaviour still present. In wetland area as well. Buffer remains. |
| 5 | 620.29 | 620.39 | NE 08-15-12 W&M | Cultivated | 16-Jul-20 | 23-Jul-20 | 4:45 | Cloudy, 13C, 2km/hr wind | N/A | Yes | HOLA | HOLA_BLS_048 | No | 620.34 | 13U 598866 5566907 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | Medium | Nest Checks | July 8- Female flushed, 5 nestlings in nest, in the middle of a farmers crop. July 16- Buffer was placed in the middle of a crop field, no pipeline work will be done there anymore. Buffer removed from crop land. |
| 5 | 622.40 | 622.46 | NW 10-15-12 W&M | Native Prairie | 26-Jul-20 | 27-Jul-20 | 9:37 | N/A | N/A | Yes | HOLA | HOLA_AJLI_020 | No | 622.43 | 13U 600952 5566734 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the South portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | High | Nest Checks | July 26- No adult flushed. Nest originally found in crop on the outside of fence. Not marked with flagging tape. No eggs on nest but over the 10 day hodge period, nestlings were found and hatched. Buffer remains. |
| 5 | 623.15 | 623.21 | SE 10-15-12 W&M | Native Prairie | 26-Jul-20 | 27-Jul-20 | 4:45 | Sunny, 11C, 2km/hr wind | EAKI,WEXI,COSP,KILL,RWBLL,SAVS,GRCA,VESP | Yes | COSP | COSP_BLS_045 | No | 623.18 | 13U 601689 5566644 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | None | Nest Checks | July 6- Female flushed, 4 eggs in nest, under foliage close to the south portion on ROW. July 20- Empty nest bowl, no nestlings or eggs. |
| 5 | 623.95 | 624.15 | SE 10-15-12 W&M SW 11-15-12 W&M | Native Prairie | 26-Jul-20 | 27-Jul-20 | 4:45 | Sunny, 11C, 2km/hr wind | EAKI,WEXI,COSP,KILL,RWBLL,SAVS,GRCA,VESP | Yes | MALL | MALL_BLS_040 | No | 624.05 | 13U 602421 5566256 | Nest | Inactive - predated or abandoned | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | None | Nest Checks | June 26- Female flushed, 5 nestlings in nest, located on near corner on NW in taller grass/shrubby area, nest is at the top side of a mound area. June 26- Nest with 9 eggs. Female flushed. July 6- No adult flushed. 4 nestlings present in nest. Buffer remains. |
| 5 | 625.07 | 625.13 | SE 11-15-12 W&M | Native Prairie | 24-Jul-20 | 31-Jul-20 | 4:50 | Light Rain, Cloudy, 15C, 2km/hr | COSP,SPPI,SAVS,MALL,NSHO,MAGO,WILL,RBO,URTHA | Yes | COSP | COSP_BLS_047 | No | 625.11 | 13U 603431 5566602 | Nest | Active - nestlings | 1 | N/A | Yes, with Mitigation | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Low | Nest Checks | July 6- Female flushed, 4 eggs in nest. Located 1m to the south of ROW in shorter grass. July 10- Adult flushed, 4 nestlings present in nest. Buffer remains. July 24- No adult flushed, 4 nestlings in nest. Buffer remains. |
| 5 | 626.58 | 626.88 | NE 01-15-12 W&M | Disturbed Land | 22-Jul-20 | 29-Jul-20 | 4:56 | Sunny, 13C, 5km/hr wind | LARP,VESP,WEME,RWBLL,MAGO,SPSA,BARS,SPPI | Yes | KILL | KILL_BLS_046 | No | 626.68 | 13U 620055 5565748 | Nest | Active - eggs | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | Low | Nest Checks | July 6- Adult flushed, displaying broken wing. 4 eggs in nest. July 17- Female flushed, 4 eggs in nest. Buffer remains. July 27- Adult alarm calling, 4 eggs in nest. Buffer remains. |
| 5 | 627.30 | 627.70 | NE 01-16-12 W&M NW 06-15-13 W&M | Hay | 17-Jul-20 | 24-Jul-20 | 7:45 | Sunny, 17C, 2km/hr wind | WEXI,EAKI,VESP,GRSP,AMGO,SAVS,COSP,CAGLI | Yes | BORO | BORO_BLS_044 | Yes | 627.50 | 13U 665740 5565409 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 200 | N/A | Monitor for breeding activity | July 6- Breeding pair in suitable habitat. Observed courtship display. July 15- No sign of BORO at location. Second nest check recommended. Buffer removed. July 17- No adult present within area for a second check during display. |
| 5 | 650.11 | 650.17 | NE 19-14-09 W&M | Pasture | 24-Jul-20 | 31-Jul-20 | 5:07 | Sunny, 2C, 4km/hr wind | EAKI,RWBLL,NOFL,YRWA,BRBL,COSP,MODO,LEFL | Yes | SAVS | SAVS_BLS_054 | No | 650.14 | 13U 672259 5561338 | Nest | Active - eggs | 0 | N/A | Yes, with Mitigation | Restrict travel to be along the South portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | None | Nest Checks | July 21- Female flushed, 3 eggs in nest. Located 1m in from North boundary in thistle. July 24- No adult flushed, 3 eggs in nest. Buffer remains. |
| 6 | 705.37 | 705.43 | SE 16-13-04 W&M | Tame Pasture | 14-Jul-20 | 21-Jul-20 | 5:32 | Sunny, 19C, 15km/hr wind | RWBLL,HOLA,YRWA,SPSA,BRBL,LEFL,COSP,KILLE,AKI,AMRO,MODO,GADU,AMGO | Yes | COSP | COSP_AM_011 | No | 705.40 | 13U 679400 5550603 | Nest | Inactive - predated or abandoned | 1 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Medium | Nest Checks | June 27- nest with 2 eggs. Female flushed. Nest was in a grassy area, near a fence line. The nest was located in a grassy area, near a fence line |

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| 6 | 708.32 | 708.36 | NW 11-13.04 WZM | Tame Pasture | 24-Jul-20 | 31-Jul-20 | 4.50 | Partly cloudy, 14C, Sunny wind | N/A | N/A | No | Yes | COSP | COSP_RSJ_065 | No | 708.34 | 130.68290.5550333 | Nest | Active - nestlings | 4 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | Low | Nest Checks | July 19 - Flashed on ground sightings 5 m S and W. July 21 - 2 or 3 nestlings, 1 egg. Nestlings are a couple days old. July 24 - female flushed, 3 nestlings. |
| 6 | 708.04 | 708.14 | NW 11-13.04 WZM | Cultivated | 24-Jul-20 | 31-Jul-20 | 4.58 | Partly cloudy, 14C, 20km/hr wind | VESP,COSP,HOKA,RMBL,SAYS,GOPA,EAKI,BOBBO | N/A | No | Yes | VESP | VESP_RSJ_084 | No | 708.09 | 130.67982.5550029 | Nest | Active - nestlings | 0 | N/A | Yes, with Mitigation | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 50 | Medium | Nest Checks | July 19 - soon after dawn report the nest, 4 eggs, reports on N side of topsoil pile, approx 1 m high, Flagged 4 m E and W. July 18 - 4 eggs. No adults present but there are very warm still incubating. July 21 - no adult present, 4 eggs. Cannot feel any noticeable warmth coming off eggs. June 19 - 2 birds observed dancing, appeared like more. Field has been recently weeded and dancing ground has been obviously active since seeding - an obvious stopping ground is present, dirt is trampled flat. June 19 - several groups still active on field, including several male bobos. Buffer removed. |
| 6 | 708.42 | 709.22 | NW 11-13.04 WZM NE 11-13.04 WZM | Cultivated | 15-Jul-20 | 22-Jul-20 | 4.45 | Partly cloudy, 14C, Sunny wind | KILLMODO,BRBL,RMBL,SAYS,VESP,CSP,AMC RHUKA,WEME | N/A | No | Yes | STGR | STGR_RSJ_033 | No | 708.82 | 130.66249.5549866 | Breeding Behaviour | Inactive - fledged | 35 | March 15 to May 15 | Yes | Schedule activities between the hours of 10 a.m. and 4 p.m. which groups are not congregating at the lek site. | 400 | Medium | Monitor lek for activity in early morning hours | June 19 - 2 birds observed dancing, appeared like more. Field has been recently weeded and dancing ground has been obviously active since seeding - an obvious stopping ground is present, dirt is trampled flat. June 19 - several groups still active on field, including several male bobos. Buffer removed. |
| 6 | 708.50 | 708.56 | NW 11-13.04 WZM | Cultivated | 15-Jul-20 | 22-Jul-20 | 4.45 | Partly cloudy, 14C, 5km/hr wind | KILLMODO,BRBL,RMBL,SAYS,VESP,CSP,AMC RHUKA,WEME | N/A | No | Yes | VESP | VESP_RSJ_032 | No | 708.53 | 130.66249.5549972 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Medium | Nest Checks | June 16 - female flushed, 3 eggs. Nest on N side of topsoil pile. Flagged 4 m E and W. June 19 - female flushed, 4 eggs. July 15 - nest empty. Buffer removed. |
| 6 | 708.59 | 708.65 | NE 11-03-13.04 WZM | Cultivated | 15-Jul-20 | 22-Jul-20 | 4.45 | Partly cloudy, 14C, 5km/hr wind | KILLMODO,BRBL,RMBL,SAYS,VESP,CSP,AMC RHUKA,WEME | N/A | No | Yes | VESP | VESP_RSJ_034 | No | 708.62 | 130.66250.5549942 | Nest | Inactive - fledged | 1 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Medium | Nest Checks | June 16 - female flushed, 5 eggs. Nest is about 1 m S of topsoil pile. Flagged 4 m E and W. June 19 - female flushed, 5 eggs. July 15 - nest beyond it's anticipated fledging date. Could not locate nest or flagging in dense weeds. Buffer removed. |
| 6 | 709.12 | 709.18 | NE 11-03-13.04 WZM | Cultivated | 15-Jul-20 | 22-Jul-20 | 4.45 | Partly cloudy, 14C, 5km/hr wind | KILLMODO,BRBL,RMBL,SAYS,VESP,CSP,AMC RHUKA,WEME | N/A | No | Yes | VESP | VESP_RSJ_035 | No | 709.15 | 130.663020.5549841 | Nest | Inactive - fledged | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Medium | Nest Checks | June 16 - female flushed, 5 eggs. Nest is located on N side of topsoil pile. Flagged 4 m E and W. June 19 - 3 nestlings, one egg. Female flushed. Adults present. July 15 - nest is well past it's estimated fledging date. Flagging was located but nest could not be found. Weeds are thick. Buffer removed. |
| 6 | 712.08 | 712.28 | SE 07-03-13.02 WZM | Cultivated | 17-Jul-20 | 24-Jul-20 | 9.26 | N/A | N/A | N/A | No | Yes | KILL | KILL_RSJ_063 | No | 712.18 | 130.65887.5549270 | Nest | Inactive - predation or abandoned | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | Low | Nest Checks | July 14 - nest with 4 eggs. Adult present. Incidentally flushed by silver creepers last week. Flagged 4 m E and W. Buffered on east side only. Green stake located approx. 15 m S of nest July 17 - no eggs, some of the nesting material has been scattered. Likely predated. Buffer removed. |
| 6 | 729.85 | 729.91 | SW 26-12.02 WPM | Hay/Pasture | 24-Jul-20 | 31-Jul-20 | 8.11 | Sunny, 18C, 20km/hr wind | LFTL,MAWO,GBOR,NOW,AMMO,HOKA,THESE, MLCOY,YEWA,AMK,RSBOL,BITE,CSP,VESP, SAVS,STGR,KILL,AMAL,AMC,COSR,BRBL,SAYS | N/A | No | Yes | LFTL | LFTL_RSJ_058 | No | 729.88 | 130.70076.5544806 | Nest | Active - undernourished stage | 1 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | Low | Nest Checks | July 19 - 1 female sitting on nest. July 21 - And sitting on nest. Likely incubating eggs. |
| 6 | 736.31 | 737.43 | NW 16-12.01 WPM | Cultivated | 23-Jul-20 | 30-Jul-20 | 4.52 | Cloudy, 21C, 10km/hr wind | RMBL,RYBL,KILL,AMBO | N/A | No | Yes | COSP | COSP_RSJ_067 | No | 736.38 | 130.70890.5543803 | Nest | Active - nestlings | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | Low | Nest Checks | July 19 - 4 eggs present. July 20 - female flushed, 3 eggs. Fledged buffer and added logs where needed. |
| 6 | 737.67 | 737.87 | NE 16-12.01 WPM | Cultivated | 23-Jul-20 | 30-Jul-20 | 4.52 | Cloudy, 21C, 10km/hr wind | RMBL,RYBL,KILL,AMBO | N/A | No | Yes | INRG | INRG_RSJ_058 | No | 737.77 | 130.709330.5542435 | Nest, Breeding Behaviour | Inactive - fledged | 40 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | None | Nest Checks | July 19 - 2 eggs in incubating stage. Observed 1 pair walking with 1st chick on another pair warming ground around nest platform. 1 nest is within 5m of ROW. Second nest is probably ~100 m off ROW. Very low disturbance in area. Pair flushed out nest when I went near the topsoil pile on N side of ROW to get a better look. July 20 - 2 eggs observed. Both were seen sitting on the topsoil pile. Buffer removed. |
| 6 | 741.55 | 741.65 | NE 11-12.01 WPM | Treed/Pasture | 23-Jul-20 | 30-Jul-20 | 5.06 | Sunny, 14C, 5km/hr wind | WAWI,SWAN,MODO,COSP,RMBL,SAYS,AMNO, LEFL,YEWA,HOKA,CEDW,EAKI | N/A | No | Yes | SAVS | SAVS_RSJ_085 | No | 741.60 | 130.7208.1354984 | Nest | Inactive - predation or abandoned | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 50 | Low | Nest Checks | Nest is at base of new thistle stalk. Flagged 4 m E and W. July 11 - no female, 3 eggs. Eggs are warm. July 21 - nest empty. Buffer removed. |
| 6 | 743.41 | 743.47 | SE 12-12.01 WZM | Cultivated | 14-Jul-20 | 21-Jul-20 | 5.45 | Sunny, 12 C | COSP,WAVI,VESP,RYBL,HOKA,CSP,AMBO,COS YE,KILL,SPSA,RYWA,YEWA,AMC,RSBMA,RMBL, BRBL,LEFL | N/A | No | Yes | VESP | VESP_RSJ_008 | No | 743.44 | 130.714516.5540291 | Nest | Inactive - predation or abandoned | 0 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Medium | Nest Checks | July 1 - female flushed, 7 eggs. Adult present. Green stake 4 meters east and West of nest. July 10 - female not present but 3 nests resting within a couple days old. Nest is located on back side of transition pile. July 19 - nest empty. Buffer removed. |
| 6 | 744.45 | 744.51 | SW 06-12-33 WPM | Pasture | 17-Jul-20 | 24-Jul-20 | 9.09 | Cloudy, Light Rain, 21C, 15km/hr wind | AMGO,Garler Snake app.,TSA,YEWA,GRKA,BICH,RMBL,CSP,VESP, AMGO | N/A | No | Yes | COSP | COSP_RSJ_053 | No | 744.48 | 140.26582.5539788 | Nest | Inactive - predation or abandoned | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Medium | Nest Checks | July 11 - nest with 4 eggs. July 14 - female flushed, 3 freshly hatched nestlings, 1 egg has not yet hatched. |
| 6 | 744.65 | 744.71 | SW 06-12-33 WPM | Pasture | 23-Jul-20 | 30-Jul-20 | 3.47 | Sunny, 12C, 10km/hr wind | LFTL,MAWO,COSP,YEWA,AMMO,SWBL,VESP,U COSI,RMBL,KILL | N/A | No | Yes | BANS | BANS_RSJ_058 | Yes | 744.68 | 140.265457.5539794 | Nest | Active - nestlings | 0 | May 1 to August 31 | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | High | Nest Checks | July 19 - 2 eggs in incubating stage. Observed 1 pair walking with 1st chick on another pair warming ground around nest platform. 1 nest is within 5m of ROW. Second nest is probably ~100 m off ROW. Very low disturbance in area. Pair flushed out nest when I went near the topsoil pile on N side of ROW to get a better look. July 20 - 2 eggs observed. Both were seen sitting on the topsoil pile. Buffer removed. |
| 6 | 751.51 | 751.62 | SW 26-11-13 WPM | Native Prairie | 24-Jul-20 | 31-Jul-20 | 8.00 | Foggy, 12C, 20km/hr wind | MAWR,SEWR,COTE,SPSA,KILL,AMGO,EAKI,W ME,COSP,INRG,AMMO,NESP,SAVS,VESP,RMBL, HOKA,BRBL,LEFL,WAWI | N/A | No | Yes | VESP | VESP_RSJ_066 | No | 751.56 | 140.276944.5536942 | Nest | Active - eggs | 0 | N/A | Yes, with Mitigation | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 50 | Low | Nest Checks | July 21 - female flushed, 3 eggs. Nest is right at base of topsoil pile under dead grass. July 24 - female flushed, 3 eggs. |
| 6 | 751.80 | 751.90 | SW 26-11-13 WPM | Native Prairie | 15-Jul-20 | 22-Jul-20 | 5.01 | Sunny, 14C, 5km/hr wind | BRBL,SAYS,STGR,KILL,MALL,small mammal app. | N/A | No | Yes | COSP | COSP_RAR_005 | No | 751.85 | 140.291996.5536738 | Flight Display | Inactive - fledged | 1 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | High | Nest Checks | 12 June - 4 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 752.30 | 752.40 | SE 26-11-33 WPM SW 26-11-33 WPM | Native Prairie | 18-Jul-20 | 25-Jul-20 | 5.01 | Sunny, 14C, 5km/hr wind | BRBL,SAYS,STGR,KILL,MALL,small mammal app. | N/A | No | Yes | BANS | BANS_RAR_006 | No | 752.35 | 140.292359.5536510 | Nest, Breeding Behaviour | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | High | Nest Checks | 12 June - 4 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 752.64 | 752.72 | NE 23-11-33 WPM | Native Prairie | 15-Jul-20 | 22-Jul-20 | 5.01 | Sunny, 14C, 5km/hr wind | BRBL,SAYS,STGR,KILL,MALL,small mammal app. | N/A | No | Yes | COSP | COSP_RAR_007 | No | 752.68 | 140.292627.5536348 | Nest | Inactive - fledged | 1 | N/A | Yes | Restrict travel to be along the North portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 40 | High | Nest Checks | June 24 - female flushed. One nestling, one egg. Fledged buffer. July 15 - nest empty. Buffer removed. |
| 6 | 752.90 | 752.96 | NE 23-11-33 WPM | Native Prairie | 25-Jul-20 | 1-Aug-20 | 4.30 | Sunny, 16C, 10km/hr wind | EAGR,CAOW,BWTE,BITE,SOBA,MAWR, SEWR,RSBL,AMMO,NORT,COSP,MODO, COSP,SPS,LEFL,BITE,LESC,AMCZO,GADW,SI EAGR,CAOW,BWTE,BITE,SOBA,MAWR, SEWR,RSBL,AMMO,NORT,COSP,MODO, WAWI,HOKA,KILL,SPSA,COTE,EAGI,AMCR, MALL,COTE | N/A | No | Yes | COSP | COSP_RSJ_068 | No | 752.93 | 140.292817.5536221 | Nest | Active - eggs | 8 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | Low | Nest Checks | July 25 - female flushed, 3 eggs. Nest is in washgore approx. 6 to 10 m S of topsoil pile in secondary shrub. Flagged 4 m E and W. |
| 6 | 753.00 | Shoofly | SE 23-11-33 WPM | Native Prairie / Wetland | 25-Jul-20 | 1-Aug-20 | 4.30 | Sunny, 16C, 10km/hr wind | EAGR,CAOW,BWTE,BITE,SOBA,MAWR, SEWR,RSBL,AMMO,NORT,COSP,MODO, COSP,SPS,LEFL,BITE,LESC,AMCZO,GADW,SI EAGR,CAOW,BWTE,BITE,SOBA,MAWR, SEWR,RSBL,AMMO,NORT,COSP,MODO, WAWI,HOKA,KILL,SPSA,COTE,EAGI,AMCR, MALL,COTE | N/A | No | Yes | SEWR | SEWR_RSJ_069 | No | 753.00 / Shoofly | 140.292941.5535566 | Nest | Active - nestlings | 1 | N/A | Yes, with Mitigation | Restrict travel to be along the West portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 30 | Low | Nest Checks | July 26 - 1st bird sitting on nest at base of washgore at bottom of S side of topsoil pile. Nest is about 0.5 m from previously used trail. Female flushed from nest. Nest is a mix tall of grasses and sedges suspended in Trembling aspen entrance inside of the side of it. Could not see at least 1 nestling and 1 egg. The nestling looked fresh but could not see very well. Small male bobo seen nearby. Buffer removed. |
| 6 | 754.27 | 754.67 | SE 24-11-33 WPM | Native Prairie | 16-Jul-20 | 23-Jul-20 | 7.17 | Sunny, 15C, 15km/hr wind | HOKA,WAVI,VESP,COSP,SAVS,KILL,YEWA,W N,AMGO,RMBL,LASP,HOKA,COTE | N/A | No | Yes | BOBO | BOBO_JGB_001 | Yes | 754.47 | 140.294251.5535581 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Low | Monitor for breeding activity | June 19 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 760.75 | 761.15 | NW 10-11-32 WPM | Hay/Pasture | 17-Jul-20 | 24-Jul-20 | 5.13 | Light rain, 17C, 5km/hr wind | COSP,VESP,BRBL,LEFL,BOBO,MALL,RMBL, BRBL,MODO,MEML,KILL,WEN,SEWR,HOKA, SOKA,THESE,BITE,LESC,AMCZO,GADW,SI EAGR,CAOW,BWTE,BITE,SOBA,MAWR, SEWR,RSBL,AMMO,NORT,COSP,MODO, WAWI,HOKA,KILL,SPSA,COTE,EAGI,AMCR, MALL,COTE | N/A | No | Yes | BOBO | BOBO_JGB_004 | Yes | 760.95 | 140.299900.5532466 | Flight Display | Inactive - fledged | 100 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Low | Monitor for breeding activity | July 3 - Active. Observed 2 male bobos performing courtship flights and calls ~100m from nest. No visible nesting activities. Train tracks are approximately 40m north of ROW. |
| 6 | 762.90 | 763.10 | NW 02-11-32 WPM | Cultivated | 15-Jul-20 | 22-Jul-20 | 4.20 | Sunny, 8C, 5km/hr wind | MALL,NHQB,BWTE,NOP,RMBL,THESE,MAWR,B ITE,BOBO,SAVS,VESP,COSP,LEFL,WAWI,HOKA, YEWA,COTE,GRKA,SPSA,WOR,KILL,COKA,W S,NWBL,BICO | N/A | No | Yes | SPSA | SPSA_RSJ_025 | No | 763.00 | 140.301553.5531298 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 100 | Low | Nest Checks | June 15 - nest with 4 eggs present and adult nearby. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 29 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 765.62 | 766.02 | SE 01-11-32 WPM | Pasture | 17-Jul-20 | 24-Jul-20 | 4.20 | Sunny, 8C, 5km/hr wind | MALL,NHQB,BWTE,NOP,RMBL,THESE,MAWR,B ITE,BOBO,SAVS,VESP,COSP,LEFL,WAWI,HOKA, YEWA,COTE,GRKA,SPSA,WOR,KILL,COKA,W S,NWBL,BICO | N/A | No | Yes | BOBO | BOBO_RSJ_023 | Yes | 765.82 | 140.303935.5529756 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Low | Monitor for breeding activity | June 26 - No visual on tank but can hear them in pasture. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 29 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 765.80 | 766.20 | SE 01-11-32 WPM | Pasture | 17-Jul-20 | 24-Jul-20 | 4.20 | Sunny, 8C, 5km/hr wind | MALL,NHQB,BWTE,NOP,RMBL,THESE,MAWR,B ITE,BOBO,SAVS,VESP,COSP,LEFL,WAWI,HOKA, YEWA,COTE,GRKA,SPSA,WOR,KILL,COKA,W S,NWBL,BICO | N/A | No | Yes | BOBO | BOBO_RSJ_022 | Yes | 766.00 | 140.304065.5529680 | Breeding Behaviour | Inactive - fledged | 50 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Medium | Monitor for breeding activity | June 26 - No visual on tank but can hear them in pasture. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 29 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 768.46 | 768.86 | NE 36-10-12 WPM NW 31-10-31 WPM | Hay/Pasture | 16-Jul-20 | 23-Jul-20 | 5.11 | Partly cloudy, 8C, 2km/hr wind | NESP,VESP,WILL,BITE,RMBL,THESE,MAWR,B ITE,BOBO,SAVS,VESP,COSP,LEFL,WAWI,HOKA, YEWA,COTE,GRKA,SPSA,WOR,KILL,COKA,W S,NWBL,BICO | N/A | No | Yes | BOBO | BOBO_RSJ_016 | Yes | 768.66 | 140.306457.5529161 | Breeding Behaviour | Inactive - fledged | 30 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Low | Monitor for breeding activity | June 26 - No visual on tank but can hear them in pasture. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 29 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 768.89 | 769.09 | NW 31-10-31 WPM | Cultivated | 24-Jul-20 | 31-Jul-20 | 6.18 | N/A | N/A | N/A | No | Yes | MALL | MALL_RSJ_064 | No | 769.04 | 140.306713.5529095 | Nest | Inactive - predation or abandoned | 2 | N/A | Yes | Restrict travel to be along the South portion of the setback buffer to one travel route only do not linger or side when within the buffer. | 50 | Medium | Nest Checks | July 9 - female flushed, 2 eggs. Nest suspended in clover milk which about 7 m N of reclaimed ROW. Flagged 4 m E and W. 20 m buffer for seeding. July 15 - nest empty. Buffer removed. |
| 6 | 773.68 | 773.72 | SE 28-10-31 WPM | Cultivated | 15-Jul-20 | 22-Jul-20 | 5.10 | Cloudy, 12C, 15 km/hr wind | AMMO,SPSA,KILL,COSP,VESP,HOKA,AMC,AM GO,MALL,RMBL,HOKA,RSBL,SAVS,BRBL,BOB | N/A | No | Yes | COSP | COSP_RSJ_056 | No | 773.70 | 140.311137.5526972 | Nest | Inactive - predation or abandoned | 7 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | Medium | Nest Checks | June 15 - nest with 4 eggs present and adult nearby. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 29 - 2 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 788.27 | 788.83 | SE 11-10-30 WPM SW 10-10-30 WPM | Pasture | 14-Jul-20 | 21-Jul-20 | 4.40 | Sunny, 9C, 8km/hr wind | WAWI,COSP,RMBL,WILL,LEFL,WILL,YEWA,TH N,AMMO,MODO,COSP,WAWI,AMMO,NESP,CSP RYBL,MAWR,COTE,AMGO,THESE,SEWR,THESE BITE,BANDS,AMGO,BARS,MALL,NORT,KILL,HOKA | N/A | No | Yes | BOBO | BOBO_RIS_002 | No | 788.47 | 140.324573.5521159 | Breeding Behaviour | Inactive - predation or abandoned | 30 | May 1 to August 31 | Yes | Monitor for breeding activity | 200 | Low | Monitor for breeding activity | June 21 - Active sitting on nest. June 23 - Active sitting on nest. June 25 - Active sitting on nest. June 27 - Active sitting on nest. June 29 - Located nest, 4 eggs present. Active. Adult near by. Replaced Heli buffer. July 24 - Hatched 4 birds on nest. 1st bird hatched. July 18 - female flushed, 4 eggs. Nest is under a rock. July 21 - female flushed, 4 eggs. Nest is under a rock. July 24 - female flushed, 4 eggs. |
| 6 | 791.07 | 791.13 | NE 06-10-29 WPM | Pasture | 24-Jul-20 | 31-Jul-20 | 6.27 | Partly cloudy | RMBL,COTE,COSP,KILL,HOKA,LEFL,AMMO,SP S,A,AMGO | N/A | No | Yes | VESP | VESP_AMJ_015 | No | 791.10 | 140.326655.5520054 | Nest | Active - eggs | 0 | N/A | Yes, with Mitigation | Limit activities to equipment travel through the setback buffer until the nest is inactive. Travel is limited to once in/once out at slow speeds, do not linger or side when within the buffer. | 30 | High | Nest Checks | July 24 - 4 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 791.44 | 791.50 | NE 06-10-29 WPM | Pasture | 24-Jul-20 | 31-Jul-20 | 6.27 | Partly cloudy | RMBL,COTE,COSP,KILL,HOKA,LEFL,AMMO,SP S,A,AMGO | N/A | No | Yes | VESP | VESP_RSJ_067 | N/A | 791.47 | 140.327302.5519912 | Nest | Active - eggs | 5 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 20 | Medium | Nest Checks | July 24 - 4 eggs in nest cavity a wall window seen nest inside 2 m high in grass adjacent to a Agave 1 m from row. Blue and pink flagging on fence post and tall stalk to indicate nest location. Buffer is only blocked off on the east side so there is an impassable creek to the west. |
| 6 | 793.50 | 793.80 | SE 05-10-29 WPM SW 04-10-29 WPM | Pasture | 14-Jul-20 | 21-Jul-20 | 6.40 | Sunny, 16C, 14km/hr wind | ALFL,LEFL,AMGO,SOBA,SOSP,SPSA,BARB,BARS, EAKI | N/A | No | Yes | KILL | KILL_AMJ_012 | No | 793.60 | 140.328729.5519348 | Nest | Inactive - fledged | | | | | | | | |

Enbridge Pipelines Inc.
Line 3 Replacement Program
Breeding Bird Survey

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| 6 | 793.85 | 793.95 | SW 04-10-29 WPM | Hay/Pasture | 14-Jul-20 | 21-Jul-20 | 6.05 | Partly cloudy, 10C, 15km/hr wind | BAOR, WILL, TRS, BARS, BOBO, WYSA, AMGO, HG, SQ, RVE, KILL | Yes | VSP | VESP_JCB_002 | No | 793.90 | 14UJ296585518953 | Nest, Distraction Display | Inactive - fledged | N/A | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 50 | N/A | Nest Checks | June 12 - 1 egg in nest. No adults observed. June 20 - still a single egg in the nest in west. No adult flushed from nest. Possibly abandoned chick for flush and signs of activity next sweep. June 21 - 1 female on canopy above the egg. Eggs in middle of incubation stage or eggs just hatched. June 15 - Originally within KIL_B5, 00R buffer. But that nest is now inactive. Established 30m buffer. Restrict travel to north side of ROW or stopping or lingering near buffer. July 14 - No birds entering or exiting area. Many TRS flying around. Some likely young of the year seen near the nest. No birds seen near the nest. July 15 - 1 egg in nest. No adults observed. No birds seen near the nest. July 16 - 1 egg in nest. No adults observed. No birds seen near the nest. July 17 - 1 egg in nest. No adults observed. No birds seen near the nest. July 18 - 1 egg in nest. No adults observed. No birds seen near the nest. July 19 - 1 egg in nest. No adults observed. No birds seen near the nest. July 20 - 1 egg in nest. No adults observed. No birds seen near the nest. July 21 - 1 egg in nest. No adults observed. No birds seen near the nest. July 22 - 1 egg in nest. No adults observed. No birds seen near the nest. July 23 - 1 egg in nest. No adults observed. No birds seen near the nest. July 24 - 1 egg in nest. No adults observed. No birds seen near the nest. July 25 - 1 egg in nest. No adults observed. No birds seen near the nest. July 26 - 1 egg in nest. No adults observed. No birds seen near the nest. July 27 - 1 egg in nest. No adults observed. No birds seen near the nest. July 28 - 1 egg in nest. No adults observed. No birds seen near the nest. July 29 - 1 egg in nest. No adults observed. No birds seen near the nest. July 30 - 1 egg in nest. No adults observed. No birds seen near the nest. July 31 - 1 egg in nest. No adults observed. No birds seen near the nest. |
| 6 | 795.61 | 795.67 | SE 33-09-29 WPM | Pasture | 14-Jul-20 | 21-Jul-20 | 7.30 | Cloudy 10C, 9 km/hr wind | HOWR, KILL, BOBO, BRBL, WEWE, EAKU, RWBL, BW, TE, CSP, AMGO, GACA, HOKA, YEWA, BARS, AMR, QV, VSP, SOSP | Yes | TRS | TRS_B5_010 | No | 795.64 | 14UJ3302235517508 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Medium | Nest Checks | June 15 - Originally within KIL_B5, 00R buffer. But that nest is now inactive. Established 30m buffer. Restrict travel to north side of ROW or stopping or lingering near buffer. July 14 - No birds entering or exiting area. Many TRS flying around. Some likely young of the year seen near the nest. No birds seen near the nest. July 15 - 1 egg in nest. No adults observed. No birds seen near the nest. July 16 - 1 egg in nest. No adults observed. No birds seen near the nest. July 17 - 1 egg in nest. No adults observed. No birds seen near the nest. July 18 - 1 egg in nest. No adults observed. No birds seen near the nest. July 19 - 1 egg in nest. No adults observed. No birds seen near the nest. July 20 - 1 egg in nest. No adults observed. No birds seen near the nest. July 21 - 1 egg in nest. No adults observed. No birds seen near the nest. July 22 - 1 egg in nest. No adults observed. No birds seen near the nest. July 23 - 1 egg in nest. No adults observed. No birds seen near the nest. July 24 - 1 egg in nest. No adults observed. No birds seen near the nest. July 25 - 1 egg in nest. No adults observed. No birds seen near the nest. July 26 - 1 egg in nest. No adults observed. No birds seen near the nest. July 27 - 1 egg in nest. No adults observed. No birds seen near the nest. July 28 - 1 egg in nest. No adults observed. No birds seen near the nest. July 29 - 1 egg in nest. No adults observed. No birds seen near the nest. July 30 - 1 egg in nest. No adults observed. No birds seen near the nest. July 31 - 1 egg in nest. No adults observed. No birds seen near the nest. |
| 6 | 795.76 | 795.96 | SE 33-09-29 WPM NE 28-09-29 WPM | Pasture | 18-Jul-20 | 25-Jul-20 | 5.14 | Cloudy 20C, 35km/hr wind | KILL, HOWR, LEF, CSP, WEWE, LASP, TRS, MALL, BARS, WEK, HTH, SAVS, BRBL, AMCR | Yes | MALL | MALL_JIM_013 | No | 795.86 | 14UJ3303175517409 | Nest | Inactive - predated or abandoned | 0 | N/A | Yes | Restrict travel to be along the East portion of the setback buffer to one travel route only - do not linger or idle when within the buffer. | 100 | N/A | Nest checks | June 15 - Originally within KIL_B5, 00R buffer. But that nest is now inactive. Established 30m buffer. Restrict travel to north side of ROW or stopping or lingering near buffer. July 14 - No birds entering or exiting area. Many TRS flying around. Some likely young of the year seen near the nest. No birds seen near the nest. July 15 - 1 egg in nest. No adults observed. No birds seen near the nest. July 16 - 1 egg in nest. No adults observed. No birds seen near the nest. July 17 - 1 egg in nest. No adults observed. No birds seen near the nest. July 18 - 1 egg in nest. No adults observed. No birds seen near the nest. July 19 - 1 egg in nest. No adults observed. No birds seen near the nest. July 20 - 1 egg in nest. No adults observed. No birds seen near the nest. July 21 - 1 egg in nest. No adults observed. No birds seen near the nest. July 22 - 1 egg in nest. No adults observed. No birds seen near the nest. July 23 - 1 egg in nest. No adults observed. No birds seen near the nest. July 24 - 1 egg in nest. No adults observed. No birds seen near the nest. July 25 - 1 egg in nest. No adults observed. No birds seen near the nest. July 26 - 1 egg in nest. No adults observed. No birds seen near the nest. July 27 - 1 egg in nest. No adults observed. No birds seen near the nest. July 28 - 1 egg in nest. No adults observed. No birds seen near the nest. July 29 - 1 egg in nest. No adults observed. No birds seen near the nest. July 30 - 1 egg in nest. No adults observed. No birds seen near the nest. July 31 - 1 egg in nest. No adults observed. No birds seen near the nest. |
| 6 | 796.71 | 796.61 | NE 28-09-29 WPM | Pasture | 24-Jul-20 | 31-Jul-20 | 5.13 | Sunny, 15C, 15km/hr wind | LEF, VSP, KILL, BBL, WEWE, EAKU, HOWR, CSP, WYSA, LSP, RWBL | Yes | VSP | VSP_JAM_014 | No | 796.80 | 14UJ330495516676 | Nest | Active - eggs | 0 | N/A | No | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | N/A | Nest Checks | June 15 - Originally within KIL_B5, 00R buffer. But that nest is now inactive. Established 30m buffer. Restrict travel to north side of ROW or stopping or lingering near buffer. July 14 - No birds entering or exiting area. Many TRS flying around. Some likely young of the year seen near the nest. No birds seen near the nest. July 15 - 1 egg in nest. No adults observed. No birds seen near the nest. July 16 - 1 egg in nest. No adults observed. No birds seen near the nest. July 17 - 1 egg in nest. No adults observed. No birds seen near the nest. July 18 - 1 egg in nest. No adults observed. No birds seen near the nest. July 19 - 1 egg in nest. No adults observed. No birds seen near the nest. July 20 - 1 egg in nest. No adults observed. No birds seen near the nest. July 21 - 1 egg in nest. No adults observed. No birds seen near the nest. July 22 - 1 egg in nest. No adults observed. No birds seen near the nest. July 23 - 1 egg in nest. No adults observed. No birds seen near the nest. July 24 - 1 egg in nest. No adults observed. No birds seen near the nest. July 25 - 1 egg in nest. No adults observed. No birds seen near the nest. July 26 - 1 egg in nest. No adults observed. No birds seen near the nest. July 27 - 1 egg in nest. No adults observed. No birds seen near the nest. July 28 - 1 egg in nest. No adults observed. No birds seen near the nest. July 29 - 1 egg in nest. No adults observed. No birds seen near the nest. July 30 - 1 egg in nest. No adults observed. No birds seen near the nest. July 31 - 1 egg in nest. No adults observed. No birds seen near the nest. |
| 6 | 799.54 | 799.60 | SW 26-09-29 WPM | Cultivated | 13-Jul-20 | 20-Jul-20 | 7.30 | Cloudy 10C, 9 km/hr wind | HOWR, KILL, BOBO, BRBL, WEWE, EAKU, RWBL, BW, TE, CSP, AMGO, GACA, HOKA, YEWA, BARS, AMR, QV, VSP, SOSP | Yes | VSP | VESP_RSL_045 | No | 799.57 | 14UJ331905515868 | Nest | Inactive - fledged | 0 | N/A | Yes | No activities permitted. Maintain setback buffer until the nest is determined inactive or young have fledged. | 30 | Medium | Nest checks | June 15 - Originally within KIL_B5, 00R buffer. But that nest is now inactive. Established 30m buffer. Restrict travel to north side of ROW or stopping or lingering near buffer. July 14 - No birds entering or exiting area. Many TRS flying around. Some likely young of the year seen near the nest. No birds seen near the nest. July 15 - 1 egg in nest. No adults observed. No birds seen near the nest. July 16 - 1 egg in nest. No adults observed. No birds seen near the nest. July 17 - 1 egg in nest. No adults observed. No birds seen near the nest. July 18 - 1 egg in nest. No adults observed. No birds seen near the nest. July 19 - 1 egg in nest. No adults observed. No birds seen near the nest. July 20 - 1 egg in nest. No adults observed. No birds seen near the nest. July 21 - 1 egg in nest. No adults observed. No birds seen near the nest. July 22 - 1 egg in nest. No adults observed. No birds seen near the nest. July 23 - 1 egg in nest. No adults observed. No birds seen near the nest. July 24 - 1 egg in nest. No adults observed. No birds seen near the nest. July 25 - 1 egg in nest. No adults observed. No birds seen near the nest. July 26 - 1 egg in nest. No adults observed. No birds seen near the nest. July 27 - 1 egg in nest. No adults observed. No birds seen near the nest. July 28 - 1 egg in nest. No adults observed. No birds seen near the nest. July 29 - 1 egg in nest. No adults observed. No birds seen near the nest. July 30 - 1 egg in nest. No adults observed. No birds seen near the nest. July 31 - 1 egg in nest. No adults observed. No birds seen near the nest. |
| 6 | 801.02 | 801.23 | NW 24-09-29 WPM | Cultivated</ | | | | | | | | | | | | | | | | | | | | | |

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| | Sweep not warranted due to lack of habitat |
| | Sweep expired |
| | Activities to Proceed with Mitigation |
| | Activities are not to Proceed |
| | Activities can Proceed |