Mackenzie

BC Hydro Public EV Fast Charging Hub

Site Selection

April 11, 2023

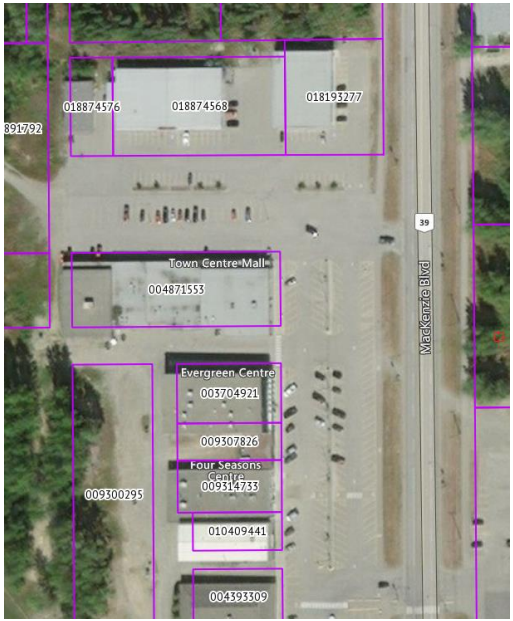
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Site Selection Criteria

- 24/7/365 public access.
- Room for minimum 4 DCFC's and 1 accessible parking stall.
- Additional parking area for future expansion.
- Safe, well-lit site, close to main transportation corridors and thoroughfares.
- Close to amenities such as public washrooms and a coffee/snack shop.
- Pull-through configuration for ease of ingress and egress for larger/commercial vehicles and EV's towing trailers is strongly preferred.
- Access to 3-phase power supply. BC Hydro will install a new, dedicated service.
- Existing paved parking area preferred vs. greenfield site.
- Minimize risk of contaminated sites/other environmental hazards.
- Piggyback on existing site operations (snow clearing, stall painting, pavement repairs etc.)

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Site 1 - 616 Parking Lot (Preferred Site)



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ✓ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ✓ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ✓ Minimize risk of contaminated sites/other environmental hazards.
- ✓ Piggyback on existing site operations

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Site 2 - Alexander Mackenzie Mall



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ✓ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ✓ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ✓ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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Site 3 – Tree Crusher Landmark



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ✓ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ❑ Amenities (public washrooms, coffee/snack shop)
- ✓ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ❑ Existing paved parking area
- ❑ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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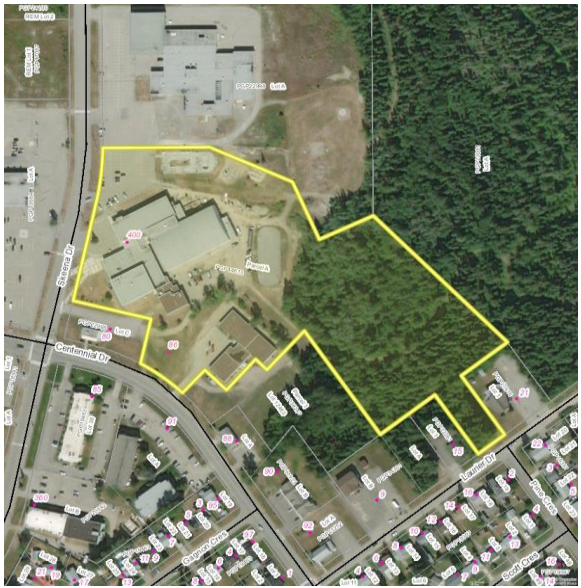
Site 4 – Greenfield



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ✓ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ✓ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ❑ Existing paved parking area
- ❑ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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Site 5 - Mackenzie Recreation Centre



- ❑ 24/7/365 access.
- ✓ Room for min. 4 DCFC's
- ❑ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ✓ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ✓ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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Site 6 - Petro Canada / 7-11





- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ❑ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ❑ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ❑ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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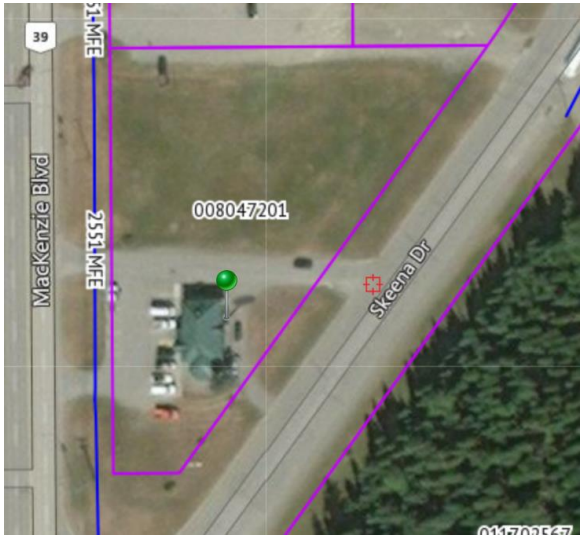
Site 7 - Sam's Restaurant



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC's
- ❑ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ❑ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ✓ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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Site 8 - Subway



- ✓ 24/7/365 access.
- ✓ Room for min. 4 DCFC’s
- ❑ Additional area for expansion.
- ✓ Safe, well-lit site, close to main thoroughfares.
- ✓ Amenities (public washrooms, coffee/snack shop)
- ❑ Pull-through configuration
- ✓ Access to 3-phase power supply.
- ✓ Existing paved parking area
- ✓ Minimize risk of contaminated sites/other environmental hazards.
- ❑ Piggyback on existing site operations

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