

APPENDIX E-3:

AGGREGATE CONSUMPTION DUE TO RESIDENTIAL
DEVELOPMENT: COMPACT REGION SCENARIO

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Aggregate Consumption based on Household growth:

Compact Scenario:

1996-2000

| Region | Additional HH's | Category | Count | Consumption (tonnes/unit) | Total (tonnes) |
|------------------------------|-----------------|---|--------|---------------------------|----------------|
| West Region | 22,598 | SFD's @ | 6,078 | 423 | 2,570,891 |
| | | 2FD's @ | 760 | 263 | 199,918 |
| | | ROW's @ | 1,656 | 263 | 435,575 |
| | | LR APT @ | 8,869 | 102 | 900,211 |
| | | HR APT @ | 5,236 | 122 | 638,754 |
| | | Total West Region: | | | |
| Mid-west Region | 58,039 | SFD's @ | 20,775 | 423 | 8,787,787 |
| | | 2FD's @ | 1,804 | 263 | 474,577 |
| | | ROW's @ | 6,714 | 263 | 1,765,797 |
| | | LR APT @ | 20,395 | 102 | 2,070,090 |
| | | HR APT @ | 8,351 | 122 | 1,018,771 |
| | | Total Midwest Region: | | | |
| Central Fraser Valley Region | 15,115 | SFD's @ | 5,435 | 506 | 2,750,243 |
| | | 2FD's @ | 1,095 | 263 | 288,038 |
| | | ROW's @ | 1,959 | 263 | 515,343 |
| | | LR APT @ | 6,625 | 102 | 672,443 |
| | | HR APT @ | 0 | 122 | 0 |
| | | Total Central Valley Region: | | | |
| East Fraser Valley Region | 2,694 | SFD's @ | 1,135 | 506 | 574,335 |
| | | 2FD's @ | 91 | 263 | 23,928 |
| | | ROW's @ | 478 | 263 | 125,600 |
| | | LR APT @ | 990 | 102 | 100,509 |
| | | HR APT @ | 0 | 122 | 0 |
| | | Total East Fraser Valley Region: | | | |

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| Total Study Area HH's | 98,446 | Total Study Area Tonnes: | 23,912,811 |
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2001-2005

| Region | Additional HH's | Category | Count | Consumption (tonnes/unit) | Total (tonnes) |
|------------------------------|-----------------|-------------------------------------|--------|---------------------------|----------------|
| West Region | 31,132 | SFD's @ | 7,536 | 423 | 3,187,596 |
| | | 2FD's @ | 942 | 263 | 247,874 |
| | | ROW's @ | 2,053 | 263 | 540,061 |
| | | LR APT @ | 12,954 | 102 | 1,314,848 |
| | | HR APT @ | 7,647 | 122 | 932,964 |
| | | Total West Region: | | | |
| Mid-west Region | 72,100 | SFD's @ | 23,227 | 423 | 9,825,109 |
| | | 2FD's @ | 2,017 | 263 | 530,597 |
| | | ROW's @ | 7,507 | 263 | 1,974,234 |
| | | LR APT @ | 27,918 | 102 | 2,833,669 |
| | | HR APT @ | 11,431 | 122 | 1,394,558 |
| | | Total Midwest Region: | | | |
| Central Fraser Valley Region | 17,171 | SFD's @ | 5,557 | 506 | 2,811,907 |
| | | 2FD's @ | 1,120 | 263 | 294,497 |
| | | ROW's @ | 2,003 | 263 | 526,898 |
| | | LR APT @ | 8,491 | 102 | 861,806 |
| | | HR APT @ | 0 | 122 | 0 |
| | | Total Central Valley Region: | | | |
| East Fraser Valley Region | 3,430 | SFD's @ | 1,301 | 506 | 658,119 |
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| 104 | 2FD's @ | 263 tonnes/unit= | 27,419 tonnes |
| 547 | ROWs @ | 263 tonnes/unit= | 143,922 tonnes |
| 1,478 | LR APT @ | 102 tonnes/unit= | 149,985 tonnes |
| 0 | HR APT @ | 122 tonnes/unit= | 0 tonnes |
| Total East Fraser Valley Region: | | | 979,445 tonnes |

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| Total Study Area HH's | 123,833 | Total Study Area Tonnes: | 28,256,062 |
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2006-2021

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| West Region | 84,589 additional HH's, of which | | |
| | 0 SFD's @ | 423 tonnes/unit= | 0 tonnes |
| | 0 2FD's @ | 263 tonnes/unit= | 0 tonnes |
| | 25,751 ROWs @ | 263 tonnes/unit= | 6,772,635 tonnes |
| | 36,997 LR APT @ | 102 tonnes/unit= | 3,755,200 tonnes |
| | 21,840 HR APT @ | 122 tonnes/unit= | 2,664,540 tonnes |
| Total West Region: | | | 13,192,375 tonnes |

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| Mid-west Region | 185,559 additional HH's, of which | | |
| | 22,758 SFD's @ | 423 tonnes/unit= | 9,626,739 tonnes |
| | 7,586 2FD's @ | 263 tonnes/unit= | 1,995,140 tonnes |
| | 45,516 ROWs @ | 263 tonnes/unit= | 11,970,838 tonnes |
| | 77,831 LR APT @ | 102 tonnes/unit= | 7,899,832 tonnes |
| | 31,867 HR APT @ | 122 tonnes/unit= | 3,887,813 tonnes |
| Total Midwest Region: | | | 35,380,361 tonnes |

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| Central Fraser Valley Region | 46,531 additional HH's, of which | | |
| | 8,468 SFD's @ | 506 tonnes/unit= | 4,284,840 tonnes |
| | 2,117 2FD's @ | 263 tonnes/unit= | 556,775 tonnes |
| | 10,585 ROWs @ | 263 tonnes/unit= | 2,783,876 tonnes |
| | 25,361 LR APT @ | 102 tonnes/unit= | 2,574,125 tonnes |
| | 0 HR APT @ | 122 tonnes/unit= | 0 tonnes |
| Total Central Valley Region: | | | 10,199,616 tonnes |

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| East Fraser Valley Region | 9,050 additional HH's, of which | | |
| | 1,854 SFD's @ | 506 tonnes/unit= | 938,332 tonnes |
| | 464 2FD's @ | 263 tonnes/unit= | 121,928 tonnes |
| | 2,318 ROWs @ | 263 tonnes/unit= | 609,638 tonnes |
| | 4,414 LR APT @ | 102 tonnes/unit= | 448,018 tonnes |
| | 0 HR APT @ | 122 tonnes/unit= | 0 tonnes |
| Total East Fraser Valley Region: | | | 2,117,915 tonnes |

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| Total Study Area HH's | 325,729 | Total Study Area Tonnes: | 60,890,268 |
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