

GAS TAX FUND PROJECT OUTCOME INDICATORS CHART

CATEGORY & Project Type	OUTCOME INDICATOR (Indicator & quantitative or qualitative measure)	EXPECTED OUTCOME/OUTPUT (Intermediate Outcome)	OUTCOME TYPE (Project or Final Outcome)
CAPACITY BUILDING			
Total # and \$ value of Capacity Building projects			
Integrated Community Sustainability Plan	Rationale - # of projects	n/a	n/a
Use of New Technology	Rationale - # of projects	n/a	n/a
Research	Rationale - # of projects	n/a	n/a
Other	To be developed as necessary		
COMMUNITY ENERGY SYSTEMS			
Subcategory: Conservation	Total # and \$ value of Energy Conservation projects	Improved Energy Use	Cleaner air; reduced GHG
Energy Systems	Decrease in energy consumed - in units appropriate to energy source ¹ ; Ancillary benefit - qualitative	Improved energy use; ancillary benefits	Cleaner air; reduced GHG
Retrofits of municipal buildings	Decrease in energy consumed - in units appropriate to energy source ¹ ; Ancillary – qualitative	Improved energy use; ancillary benefits	Cleaner air; reduced GHG
Street Lighting	Decrease in energy consumed – in units appropriate to energy source ¹ ; Ancillary - qualitative	Improved energy use; ancillary benefits	Cleaner air; reduced GHG
Other energy efficiency	Decrease in energy consumed - in units appropriate to energy source ¹ ; Ancillary – qualitative	Improved energy use; ancillary benefits	Cleaner air; reduced GHG
Other	To be developed as necessary		

CATEGORY & Project Type	OUTCOME PROPOSED INDICATOR (Indicator & quantitative or qualitative measure)	EXPECTED OUTCOME/OUTPUT (Intermediate Outcome)	OUTCOME TYPE (Project or Final Outcome)
LOCAL ROADS AND BRIDGES			Cleaner Air; reduced GHG
Subcategory: Roads	Total # and \$ value of Road projects	Improved air quality	
Arterial roads - new	# of km	Improved air quality	Cleaner air; reduced GHG
Arterial roads – improved	# of km	Improved air quality	Cleaner air; reduced GHG
Local roads – new	# of km	Improved air quality	Cleaner air; reduced GHG
Local roads – improved	# of km	Improved air quality	Cleaner air; reduced GHG
Traffic flow	# of projects; rationale	Improved air quality	Cleaner air; reduced GHG
Other local roads (eg. drainage, culverts)	# of projects; rationale	Improved air quality; ancillary benefits	Cleaner air; reduced GHG
Subcategory: Active Transportation			Cleaner air; reduced GHG
	Total # and \$ value of Active Transport projects	Improved air quality	
Bike lanes	New or improved active transportation routes - # of km; Ancillary – qualitative	Improved air quality; ancillary benefits	Cleaner air; reduced GHG
Subcategory: Bridges			Cleaner air; reduced GHG
	Total # and \$ value of Bridge projects	Improved air quality	
Bridges within local boundaries	Travel distance saved as a result of work - # of km	Improved air quality	Cleaner air; reduced GHG
Other	To be developed as necessary		

PUBLIC TRANSIT			
Subcategory: Rolling Stock	Total # and \$ value of Rolling Stock projects	Improved air quality	Cleaner air; reduced GHG
Bus, rail car, trolley	Rationale - # of projects; additional capacity (# of units or # of people)	Improved air quality; improved energy use	Cleaner air; reduced GHG
Transit buses – bus rolling stock – new	Additional capacity - # of people	Improved air quality; improved energy use	Cleaner air; reduced GHG
Transit buses – bus rolling stock – replacement	Replaced capacity - # of people or # of units	Improved air quality; improved energy use	Cleaner air; reduced GHG

CATEGORY & Project Type	OUTCOME PROPOSED INDICATOR (Indicator & quantitative or qualitative measure)	EXPECTED OUTCOME/OUTPUT (Intermediate Outcome)	OUTCOME TYPE (Project or Final Outcome)
--	--	---	--

PUBLIC TRANSIT cont'd

Subcategory: ITS			
	Total # and \$ value of ITS systems installed	Improved air quality	Cleaner air; reduced GHG
Intelligent transportation systems (ITS) – transit operations	Rationale - # of projects	Improved air quality; improved energy use	Cleaner air; reduced GHG
ITS – traveler information	Rationale - # of projects	Improved air quality; improved energy use	Cleaner air; reduced GHG
Subcategory: Capital Assets			
	Total # and \$ value of projects leading to system improvements	Improved air quality	Cleaner air; reduced GHG
Transit infrastructure & related facilities	Rationale & type of new or improved facilities - # of projects	Improved air quality; improved energy use	Cleaner air; reduced GHG
Transit priority capital investments – eg. transit queue jumpers	Rationale - # of projects	Improved air quality; improved energy use	Cleaner air; reduced GHG

Other public transit	Rationale – # of projects	Improved air quality; improved energy use	Cleaner air; reduced GHG
Other	To be developed as necessary		

SOLID WASTE INFRASTRUCTURE			
Subcategory: Landfill Expansion/creation (ancillary)	Increase in landfill capacity (tonnes) & rationale; total # of projects and \$ value	Ancillary	Ancillary
Waste disposal - landfills	Increased capacity – tonnes/annum	Ancillary benefit	Ancillary benefit
Waste disposal – landfill environmental improvements	Qualitative information; # of projects	Increased water conservation/protection	Cleaner water
CATEGORY & Project Type	OUTCOME PROPOSED INDICATOR (Indicator & quantitative or qualitative measure)	EXPECTED OUTCOME/OUTPUT (Intermediate Outcome)	OUTCOME TYPE (Project or Final Outcome)

SOLID WASTE INFRASTRUCTURE – continued

Subcategory: Waste Diversion	Total # and \$ value of Waste Diversion projects	Increased water conservation/protection	Cleaner water
Waste diversion – collection depots	Waste diverted/consolidated - tonnage/annum	Increased water conservation/protection	Cleaner water
Waste diversion – recycling	Increased recycling/waste diverted from landfill - tonnage/annum	Increased water conservation/protection	Cleaner water
Other	To be developed as necessary		

Waste Water (WW)			
Subcategory: Storm Water Management	Total # and \$ value of Storm Water projects	Increased water conservation/protection	Cleaner water
Sanitary & combined sewer systems	Sewer pipe replaced or installed - # of meters	Increased water conservation/protection	Cleaner water
Separate storm water systems	Storm water pipe replaced or installed - # of	Increased water	Cleaner water

	meters	conservation/protection	
Subcategory: Collection	Total # and \$ value of WW Collection projects	Increased water conservation/protection	Cleaner water
WW collection systems and/or WW treatment facilities or systems (i.e., dealing with <i>capacity</i> , not treatment standards; includes new or expanded lagoons)	Increase in WW treatment capacity or WW collected – m ³ /day; # of new connections on municipal WW system	Increased water conservation/protection	Cleaner water
WW treatment systems (increase in standard of <i>treatment</i> , not increase in capacity; includes lagoon upgrades)	Increase in volume of WW treated to a higher standard – m ³ /day	Increased water conservation/protection	Cleaner water
Other	To be developed as necessary		
CATEGORY & Project Type	OUTCOME PROPOSED INDICATOR (Indicator & quantitative or qualitative measure)	EXPECTED OUTCOME/OUTPUT (Intermediate Outcome)	OUTCOME TYPE (Project or Final Outcome)

WATER			
Subcategory: Supply/Distribution	Total # and \$ value of Water Supply/Distribution projects	Improved water quality/safety	Cleaner water
Extension of pipes to those previously on other systems	# of new connections to municipal water system; # of meters of new pipe	Improved water quality/safety	Cleaner water
Replacement of pipes	# of meters of repaired or replaced pipe	Improved water quality; safety	Cleaner water
Extension of pipes to new users	# of new connections to municipal water system (+ rationale); # of meters of new pipe	Improved water quality; safety	Cleaner water
Expansion of reservoir/dam (same treatment; increased capacity)	Increase in water storage capacity - m ³ /day (+ rationale)	Improved water quality/safety	Cleaner water
Subcategory: Treatment	Total # and \$ value of Water Treatment projects	Improved water quality/safety	Cleaner water
Drinking water treatment systems	Increase in volume of water treated to a higher	Improved water	Cleaner water

(same capacity; higher treatment standard)	standard – m ³ /day	quality/safety	
<i>Subcategory: Demand Management</i>	<i>Total # and \$ Value of Demand Mgmt projects</i>	<i>Improved water conservation/protection</i>	<i>Cleaner water</i>
Metering systems	Increase in water metering systems - # of households	Improved water conservation/protection	Cleaner water
Other	To be developed as necessary		