



WHANGAREI
DISTRICT COUNCIL

Infrastructure and Services

Monthly Report

for

July 2009



Creating the ultimate living environment

Infrastructure and Services Monthly Report –

Reporting Officer: Simon Weston (Infrastructure and Services Manager)

Date: 23 April 2009

Waste and Drainage Department – Gary Oldcorn

Wastewater

a) Whangarei Wastewater Network

Treatment/Disposal - Extraordinary issues that arose during the month are noted as follows:

- Siemens continued to work on the effluent filter to address mechanical and operational issues including replacement of nozzles. Siemens (USA) had personnel on site to oversee work. A repeat of commissioning tests is to be undertaken in August including a review of the filter system to date.
- Process changes undertaken in late June have begun to take effect which has resulted in a large reduction in the amount of ammonia in the treated effluent, bringing it well within resource consent compliance limits.
- Work has progressed on the installation of the new inlet works. Well orchestrated co-ordination of this work with site operators has meant there has been little disruption to normal operation.
- Slew ring replaced on number 4 trickle filter to minimise friction and stoppages.
- Digester operated on diesel for a time due to low temperatures.
- Treated Storm Bypass (i.e.: flow in excess of that which was fully treated) occurred as set out in the table below.

The event from 11 to 23 July began with an extreme rain event on 11 July which resulted in excess storm water getting into the reticulation system. During this 12 day event the wastewater treatment plant discharged around 14,000 m³ via the extreme bypass, 52,000 m³ via the high bypass, 59,000 m³ via the medium bypass and 234,518 m³ after normal treatment.

Start		Stop		Volume, m ³
5.7.09	20:00	6.07.09	00:00	1,082
11.07.09	16:00	23.07.09	00:00	126,184

NRC and Northland Health were advised of the above events.

Reticulation –

Okara Park and Hatea pumps stations overflowed during the 11 July heavy rain event spilling for 22-hours and 21-hours respectively. As above, NRC and Northland Health were advised of the incidents. On the instruction of Northland Health, signage was placed at twelve locations between Whareora Road and the Onerahi yacht club.

The event of 11 July also caused a sustained power outage to two pump stations at Parua Bay. This power outage, coupled with the Council's Whangarei Heads telemetry network being overloaded, caused the Parua Bay cruising club pump station to overflow. This overflow, while minor, highlighted some operational problems with the telemetry network and the operation of the Whangarei Heads scheme. Staff are working through these issues with the design engineers and maintenance contractors.

b) Rural Wastewater Networks

- *Treatment/Disposal* – No matters arising this month

Reticulation – No wet weather overflows were recorded from the rural reticulation networks during the month. However odour problems within the Langs Beach network continues to be a problem and investigation is continuing.

Resource Consent Compliance

a) Whangarei Wastewater Network

Treatment/Disposal – Twelve sampling runs were undertaken during the month. Of the 12 samples seven were taken during normal flows, four during medium flows and one during high wet weather flows on 13 July 2009.

Performance during the month has been impacted by the reduced performance in the activated sludge process. BOD result median has remained well within compliance levels however SS has been non-compliant when the flow is high.

The performance relating to the reduction of ammonia in the effluent being discharged is being achieved as flows have returned to dry weather levels, but SS compliance is still not being achieved consistently (still not fully compliant due to high rainfall effecting the ammonia removal process).

b) Rural Wastewater Networks

Treatment/Disposal – Hikurangi, Oakura, Portland, Waipu, Ngunguru, and Ruakaka WWTPs were sampled this month, with no issues of significance noted.

Ruakaka Township Sewerage Reticulation

Design work is complete. A Sanitary Works Subsidy Scheme Provisional Application has been submitted to the Ministry of Health and a response has been provided to a number of questions from the Ministry. The project is included in the LTTCP for construction in 20011/12 and 2012/13. A letter drop to update the community on the scheme is being arranged.

Okara Park Pump Station: Duplicate Rising Main and Pump Station Upgrade

The option assessment for the duplicate rising main and pump station upgrade is currently underway. A preferred option and procurement plan is expected to be adopted in mid August. The procurement of pipes and pumps is programmed for commencement from late August; these have long lead in times and are on the critical path for the project programme. Construction work is expected to commence in November.

Sewer network modelling

The wider network modelling project for long term improvements to reduce storm overflows is continuing to programme. The flow monitoring period has finished and most of the verified data is ready for import into the model calibration phases. The reticulation model has been built using data from ground surveys, as-builts, GIS and interpolation. The population growth forecasts (magnitude, timing and location) are close to completion. The most critical phases for the model are the dry and wet weather flow calibrations; these are due for completion by mid September. This will provide a

working and calibrated model of the wastewater network that accurately predicts dry and wet weather flows for both the current and future populations and for various rainfall return periods.

The next stage will be to identify elements of the network that do not have sufficient capacity and to develop options for resolving these. This work is expected to be completed this year. These options will include the outcomes of the Okara Park Pump Station duplicate rising main and pump station upgrade and the additional projects included in the LTTCP for storage at the Hatea Pump Station and the screening and disinfection of additional stormwater flows received at the Whangarei Wastewater Treatment Plant.

Okara Park Pump Station Resource Consent

The revised resource consent application is being developed with work focusing on the inputs from the sewer network modelling, the NRC/NIWA harbour dispersion modelling and the preparation of a public health risk assessment. The revised application will also include the outcomes of the Okara Park Pump Station duplicate rising main and pump station upgrade project.

A draft application has been provided to the NRC and the final application is expected to be lodged by the end of February 2010.

Ruakaka Wastewater Project - Existing Treatment & Disposal Scheme Upgrade

WDC has received the First Determination Report from the Department of Conservation on the use of Crown land for wastewater disposal. WDC will make comment on the report which includes conditions for the use of the land. Separate discussions are to be undertaken on the commercial arrangements for the associated lease agreement. Public notification and submissions are now expected to take place in September and October 2009.

The final design and drawings of the treatment plant inlet works have been completed, a contract awarded and construction work will commence in August. The works will include:

- construction of an inlet structure to receive wastewater from a number of incoming sewer mains
- installation of the automatic and manual screens.
- relocation of the One Tree Point flow meter.
- installation of an aerator on the first pond.
- associated electrical control cabinet and cabling.

Prior to this work the security fencing around the site will be completed to secure the construction works and the plant from unauthorised access.

Design work is underway on a further wastewater disposal area (Zone 6A) on Council owned land adjacent to the treatment plant

Ruakaka Wastewater Project - New Wastewater Treatment & Disposal Scheme

The selection of the preferred ocean outfall location is pending further discussion with NIWA which will take place in mid August.

Work is continuing on investigations for wastewater disposal to ground on the block of land WDC recently purchased from Rio Tinto at Marsden Point. These investigations will be part of a study to support consent applications and an AEE which will be lodged together with the ocean outfall consent application.

Further discussions have taken place with the NZ Refining Company regarding reuse of wastewater. Work is focussing on the use of wastewater from the existing treatment plant and how that wastewater would be further treated for industrial use at the refinery.

Oakura WWTP & Reticulation Upgrade

The reticulation contract with Whitaker is ongoing, seven months delayed and due to be completed by the end of September 2009. Testing of the pipelines and commissioning of the pump stations are in progress.

Storm Civil Ltd., the contractor for the treatment plant and disposal field contracts, is in liquidation. Separate sub-contractors have been engaged to complete the treatment plant (minor works only) and the disposal field works. It is envisaged that these works will be completed in September.

Waipu WWTP Upgrade

The draft resource consent was received from the NRC late March. Discussions with the NRC and two submitters are still under way to seek agreement and sign-off on the draft consent. WDC will request a formal hearing if agreement has not been reached by the end of August.

Design of the treatment plant upgrade has commenced and will be finalised on receipt of the final NRC consent.

Whangarei WWTP Upgrade – Headworks

Construction of the headworks commenced in early July and is programmed to be commissioned in February 2010.

Odour control and high level storm flow diversion are being considered in conjunction with the Okara Park Pump Station upgrade.

Hikurangi WWTP System

Improvements to the Hikurangi WWTP Inlet Works will be upgraded next month and an improved maintenance strategy has commenced to reduce the number of dry and wet weather spills.

Marsden Bay Public Toilet Upgrade

The Marsden Bay public toilet was in dire need of an upgrade. The roof had rusted through in several locations and the internal and external paint work was patchy and looking weathered. The below photos show the contractors replacing the roof and the new paint job on the toilet block.



Taurikura Public Toilet

Due to the stormy weather at the start of July coinciding with an extremely high tide at Taurikura Bay, approximately 3 metres of the foreshore in front of the toilet block was eroded away (picture following).

Contractors have reinstated some of the lost ground to make the access to the toilet block safer for the public.



Trade Waste Report July 2009

Consents issued included two *Permitted* and one *Conditional*, with expected future monthly charges equating to approximately \$800 excl GST.

Invoices issued for the month (Account 10-88011-1113) equated to \$52,532.54 excl GST as against budgeted income of \$27,786.00 – an additional 89% of this budgeted figure.

As of June 2009 there were 23 monitored wastes, representing the following proportion of waste received at the plant;

Volume	1.8%
Biochemical Oxygen Demand	11.2%
Suspended Solids	12.1%

This gives an end-of-year position as follows;

Industry	Volume (m ³)	BOD Load (Kg)	SS Load (Kg)	TW %		
				Volume	BOD Load	SS Load
Water Treatment	53192.0	0	83606.8	0.8	0.0	3.0
Laundry (2)	12273.7	2579.3	4326.5	0.2	0.5	0.2
Septage/Grease Traps (4)	5999.0	38993.5	209965.0	0.1	7.2	7.6
Washbay (8)	12382.4	1551.1	10733.7	0.2	0.3	0.4
Timber Processing (1)	9796.8	6001.8	537.8	0.2	1.1	0.0
Food Processing (7)	5755.1	6376.9	3384.8	0.1	1.2	0.1
2008/2009 Total	99,398.9	55,502.7	312,554.6	1.6	10.3	11.3

Cost Centre	88101	88201	88203		88011	% Trade
	Treatment	Reticulation	Operation	Total	Trade Waste	Waste
Total 2008/2009	\$1,222,573.65	\$282,090.10	\$907,546.62	\$2,412,210.37	\$401,979.76	17

Drains to Harbour

Have started attaching the stormwater plaques to the kerbstones beside the stormwater cesspits. The first two were put down in the middle of the Town Basin as part of a press release by The Mountains To Sea Conservation Trust. Other sites have been identified, with plaques being placed on a regular basis.

Stormwater

Operations:

July had a total monthly rainfall of 168 mm matching the historical average of 168 mm.

A total of 37 CRM calls were received during July.

Capital Projects:

- **Waipu/ Parua Bay Catchment Management Plans:** Final report is completed, public meetings will soon be held to introduce the plans and obtain feedback from residents.
- **Limeburners/Waitaua Catchment Management Plans:** Contract is now open for tenders and is closing on 4 September.
- **Three Mile Bush Road drainage upgrade:** Kennedy & Associates are undertaking design work for the upgrade.
- **Oakura/Whangaumu Bay:** GHD Consultants have been engaged to undertake hydraulic modelling of the catchment and examine potential scenarios (such as stopbank heights) to manage the at risk properties. Some data discrepancies have lead to a delayed delivery of this project; estimated delivery is 3-4 weeks.
- **Beach Road:** Scope of works is upgrade of WDC drainage system to prevent severe driveway failure. Survey work has been completed and Hawthorn Geddes are finalising design.
- **Ngunguru streamworks:** Scope of works is realignment of tributary stream and rock spalling to address bank subsidence. Contract has been awarded to McKenzie Earthmoving Ltd and is underway.
- **Cafler Park:** Scope of works is for remedial works to damaged and slumped gabion baskets in the Waiarohia stream. Contract has been awarded to Three Fellas Co. Current ground conditions require that this work is deferred until spring.
- **Tait Street Stage 3:** MWH Consultants have provided a proposal to look at the effects of realigning 3 sections of the stream and providing civil cost estimates for these.
- **One Tree Point Outfall Extension:** Scope of works is extension of existing reticulation to an outfall in the Marina canal and decommissioning of the existing ocean outfall which frequently blocks and creates problems for the residents. Discussions are underway with Marina Cove (as the consent holders of the Marina) to ascertain any requirements they have.

Solid Waste

Refuse Collection

Collection operations for July were satisfactory.

Litter Control

Contract operations for the month were satisfactory. A new contractor has commenced from 3 August.

Refuse Disposal

Re:Sort and transfer station operations for July were satisfactory. Charts 1 and 2 show the monthly tonnages for refuse and vegetation processed through the Re:Sort.

Planning for 2009/10 capital projects is progressing with design underway for Uretiti Transfer Station upgrade and for Pohe Clay Capping. Whangarei Heads Transfer station remains in the site selection stage.

Chart 1

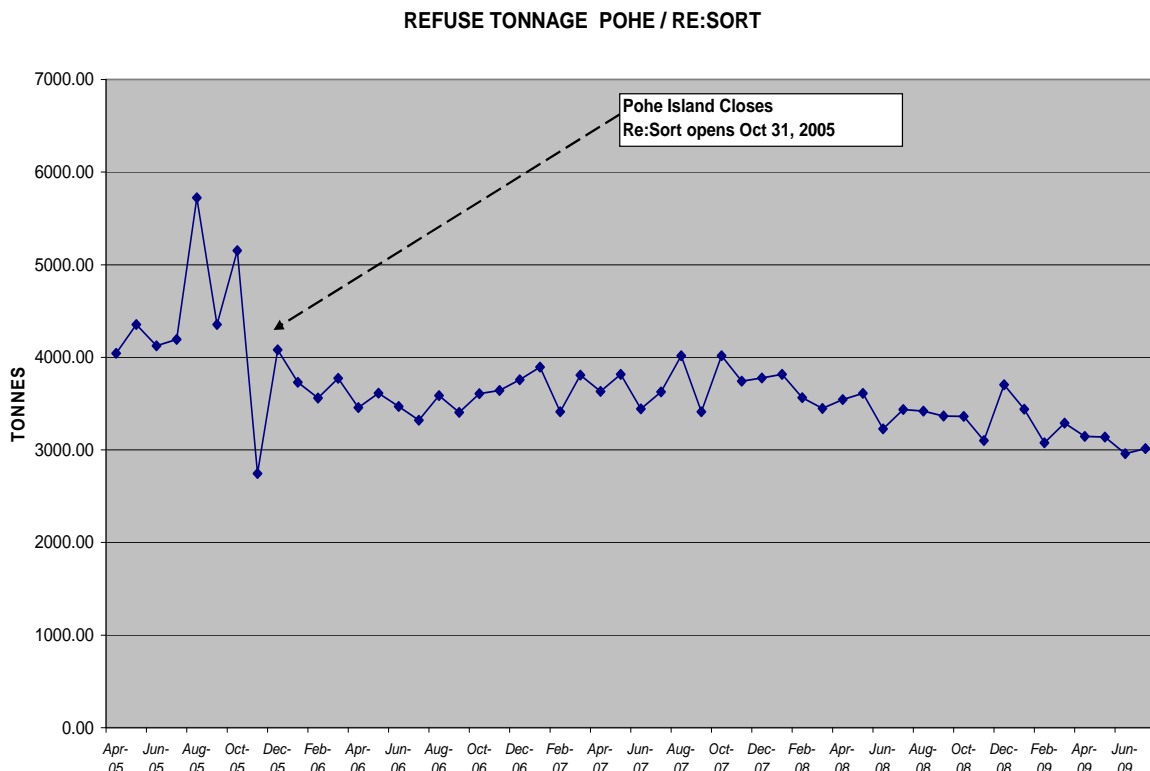


Chart 2

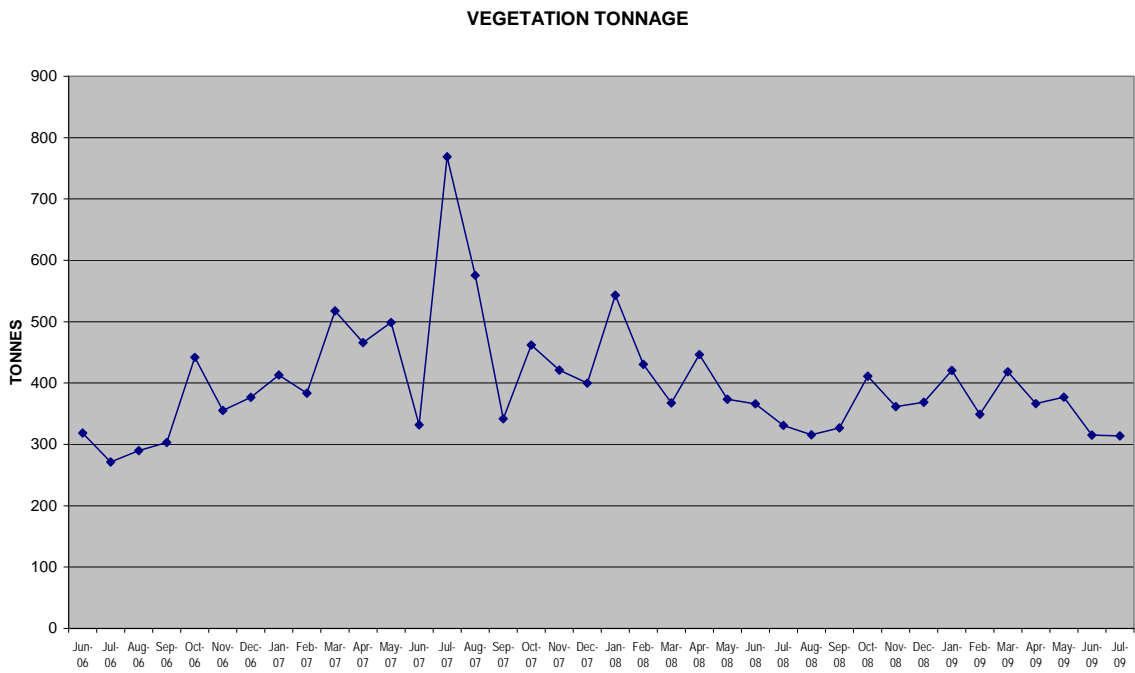
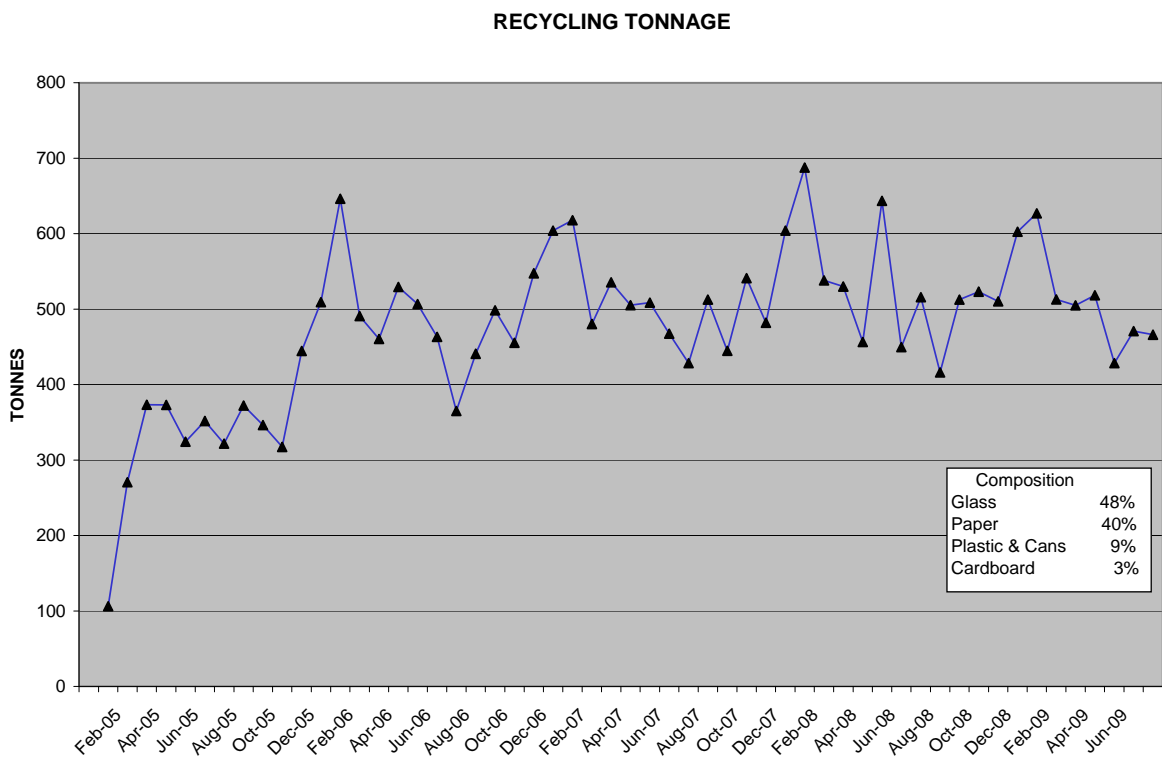


Chart 3

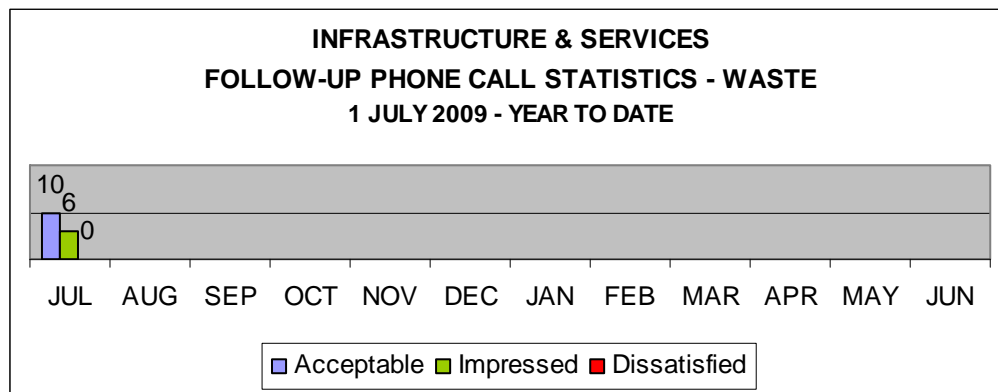


Recycling

Contract operations for the month were satisfactory. Chart 3 shows the monthly recycling tonnages.

Total Service Requests

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007-2008	670	474	417	482	465	413	582	476	361	479	406	347
2008-2009	467	349	395	300	351	344	303	244	383	209	263	204
2009-YTD	175											



Waste and Drainage Comment

There were no dissatisfied calls for the month.

Roading Department – Jeff Devine

Construction

Area Wide Pavement Treatment

2008/09 AWPT projects include:

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Russell	2.3	Fulton Hogan	Jan 09	100%	24 Apr 09
Whangarei Heads 1	2.2	Fulton Hogan	Dec 08	100%	6 May 09
Urquharts Bay	0.8	Fulton Hogan	Mar 09	100%	6 May 09
Maungakaramea	2.8	Transfield	Jan 09	100%	12 Mar 09

2009/10 AWPT projects include:

	Length (km)	Contractor	Build Start Date	% done to end July	Build Completion Date
Whangarei Heads 2	2.2	(Tender Close mid Sep 09)	Nov 09	0%	30 Apr 10
Shoemaker West 2	1.9	(Tender Close mid Oct 09)	Oct 09	0%	30 Apr 10
Pipiwai	1.9	(Tender Close early Oct 09)	Oct 09	0%	30 Apr 10

Sealed Rehabilitations

2008/09 Rehabilitation projects include:

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Shoemaker West 1	1.1	Transfield	Mar 09	100%	30 Apr 09
Kaka	0.3	Downer	Feb 09	100%	27 Mar 09

Bridge Maintenance

2008/09 bridge maintenance projects include:

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Scour Protection	n/a	Rintoul Civil	Feb 09	100%	30 Apr 09
Gen Br Maintenance	n/a	Rintoul Civil	Jan 09	100%	31 May 09

2009/10 bridge maintenance projects include:

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Scour Protection	n/a	(Tender Close end Nov 09)	Dec 09	0%	30 Apr 10
Gen Br Maintenance	n/a	(Tender Close end Nov 09)	Dec 09	0%	30 Apr 10

2008/09 Major Culvert/Bridge Replacements

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Cove Rd Br	n/a	Hawkins	Jul 08	100%	19 Dec 08
Tauraroa Rd Br	n/a	GHK Piling	Jul 08	100%	26 Jan 09
McBreen Culvert	n/a	Transfield	Feb 09	100%	30 Apr 09
Wahakukopu Culvert	n/a	Transfield	Feb 09	100%	30 Apr 09
Kokopu Culvert	n/a	Deferred to 09/10	Sep 09	0%	30 Apr 10
Price Rd Br	n/a	Deferred to 09/10	Sep 09	0%	30 Apr 10

2009/10 Major Culvert/Bridge Replacements

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Kokopu Culvert No. 288	n/a	(Tender Close early Aug 09)	Sep 09	0%	30 Apr 10
Price Rd Br No. 111	n/a	(Tender Close mid Aug 09)	Sep 09	0%	30 Apr 10

McAllister Rd Overbridge No. 117A	n/a	(Tender Close end Nov 09)	Jan 10	0%	30 Apr 10
Whangarei Heads Culvert No. 556	n/a	(Tender Close mid Oct 09)	Oct 09	0%	30 Apr 10
Kaitarangi Rd Br No. 561	n/a	(Tender Close mid Dec 09)	Jan 10	0%	30 Apr 10
Tahere Rd Br No. 371	n/a	(Tender Close mid Dec 09)	Jan 10	0%	30 Apr 10
Jellick Rd Br No. 554	n/a	(Tender Close mid Dec 09)	Jan 10	0%	30 Apr 10
Hilford Rd Br No. 153	n/a	(Tender Close early Dec 09)	Jan 10	0%	30 Apr 10
Connell Rd Br No. A87	n/a	(Tender Close early Dec 09)	Jan 10	0%	30 Apr 10

2008/09 Seal Extensions

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Kaiatea	3.0	Downer EDi	Jan 09	100%	26 Mar 09
Salmon	2.0	Downer EDi	Jan 09	100%	6 Mar 09
Glenmohr St 1	0.8	Downer EDi	Jan 09	100%	17 Apr 09
Glenmohr St 2	0.8	Downer EDi	Jan 09	100%	17 Apr 09

2009/10 Seal Extensions

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Ratepayer Funded*		Pending	Jan 10	0%	30 Apr 10
T-Funded*		Pending	Jan 10	0%	30 Apr 10

* Proposed Ratepayer funded S/Ext include Brooks Rd (4.6km) and Ormandy Rd (1.4km).

* Proposed T-funded S/Ext include Whangaruru (2.0km), McLean (1.5km), Jubilee (1.0km), Mokau (0.4km) and Pirihi Rd (0.8km).

Resealing and Hot-mixing Programme

All of the 2008/09 reseals has been completed. A total reseal length of 75km has been achieved. A 3 year FWP has been developed for reseal and AC work - 2009/10 (25km of reseal); 2010/11 - (75km reseal) and 2011/12 (100km reseal). Preseal repairs assessment and mark-up for the 2009/10 season have commenced.

2008/09 Regional Development Projects

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Mangakahia Rd - Poroti	2.5	Transfield	Jan 09	100%	23 Feb 09
Mangakahia Rd - McCardle	1.0	Transfield	Jan 09	100%	26 Feb 09
Mangakahia Rd - Twin Bridges	3.3	Downer EDi	Jan 09	100%	30 Apr 09

Opouteke Rd Bridge No. 230	n/a	Rintoul Civil	Apr 09	100%	20 Jun 09
Opouteke Rd Bridge No. 237	n/a	Rintoul Civil	Mar 09	100%	31 Mar 09
Takitu Rd Bridge No.235b	n/a	Transfield	Apr 09	100%	30 Apr 09

2009/10 Regional Development Projects

	Length (km)	Contractor	Start Date	% done to end July	Completion Date
Mangakahia Rd - Maungatapere to McBeth	5.0	(Tender Close end Sep 09)	Sep 09	0%	30 Apr 10

Other Projects

Porowini Avenue

Stage 1 of the works involves the construction of a rail turntable and reconfiguration of the railway line. These works are 100% complete.

Stage 2 of the works is earthworks and preloading. Stage 3 is the construction of bridge and pavement works. Funding for stages 2 and 3 has been approved by NTZA. Stage 2 of the works is currently out to tender (closing 18 Aug 09).

Maintenance Contracts

July Storms

We had some very strong winds in the middle of the month with lots of trees damaged as well as some surface flooding and slips. A claim for emergency work has been submitted to NZTA for \$0.568mill.

Central area:

The main works included routine weed spraying, pot hole repairs. Work has started again on footway replacement at various locations around the central area and going well. High leaf is now all done. All CRM calls are down and we are dealing with them promptly.

Authorised works included the following:

- Tree pruning as agreed by WDC.
- Sign replacements and painting on various roads
- Street sweeping was undertaken in Zones 1, 2 and State Highways and CBD. This however is weather dependant. In heavy rain fall this stops and the sweeping gang goes round and cleans off the cesspit grates.
- Dropout on Memorial Dr as well as water table works, also water table works on Awaroa River Rd.
- Three Mile Bush Rd water table work all done now.

Routine Works undertaken during the month were:

- Edge marker cleaning. This is ongoing; clean, replace as needed and entered into RAM.
- Signs. This is ongoing with the signs man and also the routine gang, we are keeping on top of graffiti and paint out when come across as well as keeping the signage up right.
- Weed spraying. We are working our way round the central area doing the kerb and channel.
- The contractor is utilising the sealing team and construction teams to give the central area a big lift on the routine side of things.

North Area:

This month has had unsettled whether and high winds with one or two slips around the area but nothing major, as in the road had to be closed. However because of the high winds there was lots of trees down with Whangarei Heads area taking the brunt of the winds. With the wetter weather we have had 2 graders on roads to catch-up and get them into shape for the winter months. Working on Brown Rock overlays and pavement re-shaping. We have also been working on Wight road doing a culvert extension and road strengthening with this work now completed. We have also been working on the routine works cutting back sight lines on signs, marker post (re-place as needed) water table works ongoing around the area and we have just completed Campbell Rd.

Emergency works included callouts to attend all accidents and spillages.

Authorised works have included the following:

- Maintenance Grading. One grader working around Whangarei Heads area while the other grader works over the Pipiwai area as whether allows. This grader will be training a new grader driver and he is making very good progress.
- Edge marker posts installed as per CRM's. A lot of damaged ones on various roads throughout the area. All new MPs are entered into RAMM
- Signs replacement on various roads. A lot of graffiti appearing on signs throughout the area. This is getting cleaned off as found and also ensuring the signs are up right.
- Pavement works and reshaping as the weather allows.
- A lot of maintenance metal is being put on now that the roads are getting a bit softer, and roads are being prepped for the ongoing winter months.
- Pavement re-shaping works on Kokopu Rd and Pipiwai area.

Routine Works focussed on the following activities during the month:

- Maintenance grading and metalling as / where required.
- Potholes on both metal and sealed roads
- Cleaning dish channels and culverts of winter detritus.

Signs maintenance new and replaced as needed

South Area:

Authorised work during this month has included the following:

- RDF funded metalling has been completed.
- There has been some envelope pruning undertaken in specific locations.
- Maintenance metalling has been undertaken on many roads.
- New culverts have been laid on some roads.

Routine work has included:

- Routine inspections were carried out on roads in all areas.
- Pothole patching of sealed and unsealed roads.
- Sealed edge break repairs.
- Culvert clearing.
- Cess pit cleaning.
- Sign maintenance, bridge rail/site rail cleaning in all areas.
- Maintenance grading was carried out on most roads.

Emergency work:

- There were two significant events that occurred on the 11th/12th and 18th/19th of July, resulting in wind damage, flooding, blocked culverts, slips and scouring throughout the area. There has been some damage to signs noted and these are being attended to as they come to light.
- The large slip on Opouteke Road has been cleared. During the course of the work there were two further significant slips and numerous small slips.
- Work on rectifying the damage from June's storms has continued.

Road Marking Contract:

The annual remark of the district was complete.

Street light maintenance:

Routine maintenance was undertaken which consisted of lamp replacement.

Road Safe Northland – Whangarei District

Community Activities Report for July 2009

The Northland Road Toll stands at 20 with 9 in Whangarei, 9 in the Far North and 2 in Kaipara. This compares with a regional total of 14 and a district total of 6 at this time last year.

Key Activities for June/July have been:

- WAAC Face to Face Meeting
- Northland Road Safety Assn AGM Meeting
- Safe with Age course held
- Alcohol Policy review Focus group meeting
- Completion of Final Reporting Processes for NLTP online
- Launch of Mobility Scooter information brochure

- Police on Bikes Project
- Feetfirst promotion by National Programme Manager
- Northland Road Safety Forum Meeting
- Whangarei Future Opportunities Meeting
- Sustainable Transport Meeting

Driver License Assistance Courses:

A course was held in June with 13 of the 15 attendees passing their test, one did not sit. A final course was held in June with 10 attendees of whom 7 sat the test and passed.

Child Restraints:

The programme is complete for the year and the final Report received.

Fatigue Stops and Coffee Break Project:

No further action has occurred.

RYDA programme:

The final report was received.

Alcohol Projects

AMO:

The programme concluded with two LCQ training courses held at Waipu and Mid Western all participants passed in each course. The final report has been received

FatalVision:

The programme has been completed for the year and the final report received.

SADD:

An Upper North Island SADD workshop was held with attendance by 30 students unfortunately no students from Whangarei attended.

Bikeability and Get on Your Bike Challenge:

The project is complete for the year and the final report received. In excess of 70 people took part and more than 900 vehicle trips were saved during the project. A post challenge survey asking participants what would make them cycle more revealed that more cycle lanes and improved driver behaviour would be the key factors.

Mobility Scooter Project:

The pamphlet and its promotional "lemon" are complete and it was launched at the Morrison Hall on Tuesday 14 July, the previous date being cancelled because of extreme weather conditions.

A promotional display was held in the Library. Wider distribution will be arranged in the coming months.

Police on Bicycles Project:

Three bikes are being sought for use by Community Safety Officer, the Youth Crime Unit – and the Otangarei Community Safety Team. Police will promote cycle safety and be a role model while conducting their day-to-day duties, for cycle related enforcement, patrolling at sporting events and cycle events and triathlons and for cycle safety education.

This project will increase the profile of cycling and community policing at the same time. Two bikes are being funded by the Northland Road Safety Trust and funding for a third bike is being sought through the crime prevention unit fund and CIPP.

Walking and Cycling Activities - contract coordinator:

Bikewise: Planning has commenced for next years activities. A letter has been written to the Mayor seeking his involvement again.

Newspapers in Education: Correct cycling helmet fitting information, with supporting photo and web addresses, were supplied for an advertisement in the Advocate feature on Brains.

Information and support has been given to the Lead Teacher at St Francis Xavier School, who has been involved with the set up of their walking school bus.

Onerahi Primary School has now registered to participate in the Feetfirst Promotion which brings the total Whangarei schools participating to five, the others being Hikuranga, Hurupaki, St Francis Xavier and Whau Valley.

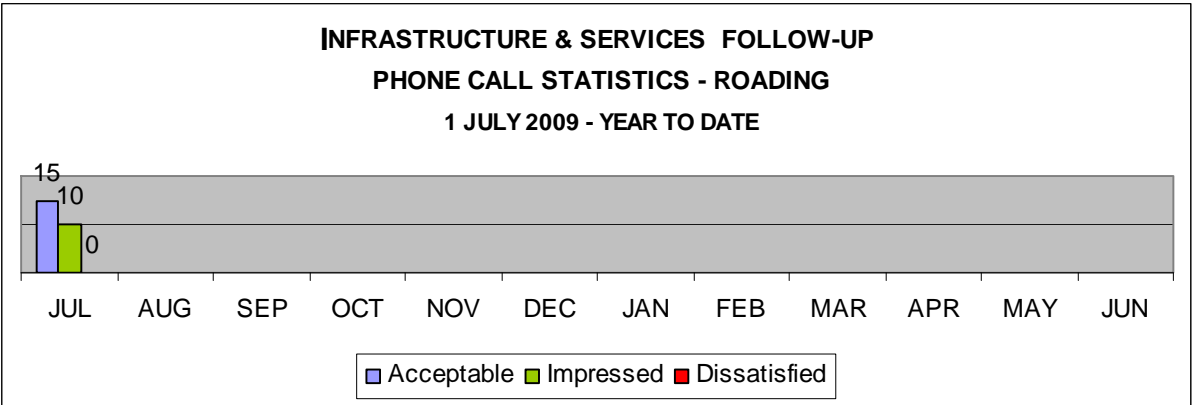
Whangarei Primary School is receiving assistance for a potential walking promotion in conjunction with the Road Sense coordinator.

Media:

- 23.07.09 The Report: Get on your bike Challenge
- 28.07.09 The Leader: Get on your bike Challenge

Total Service Requests

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007-2008	1014	631	432	429	432	388	451	494	444	484	520	461
2008-2009	702	495	468	449	353	326	311	451	587	362	415	530
2009-YTD	411											



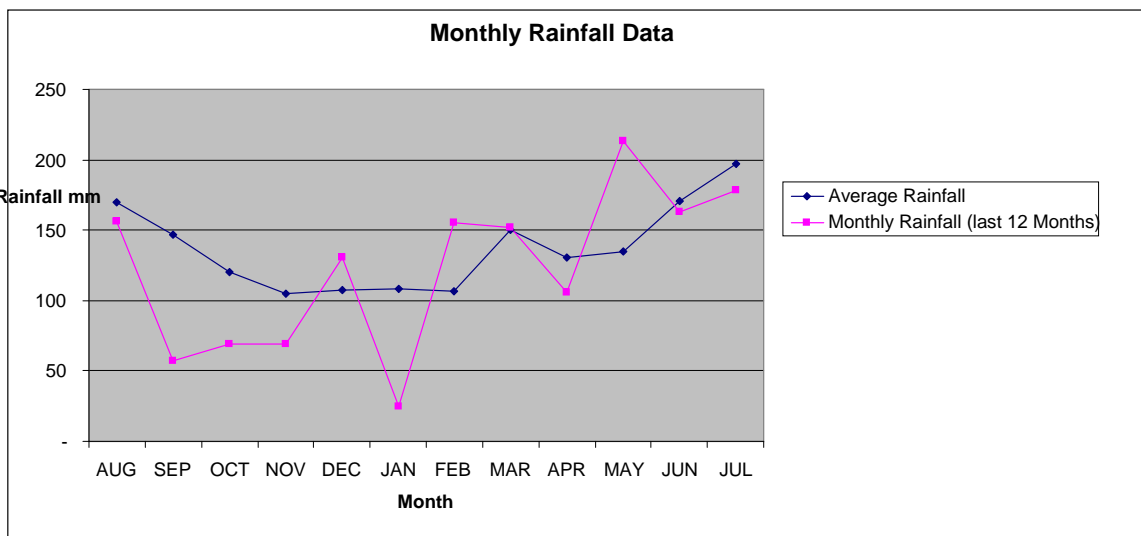
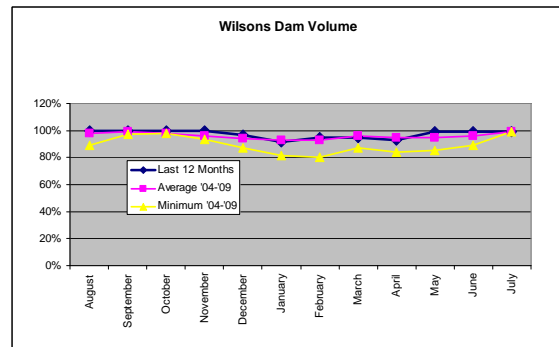
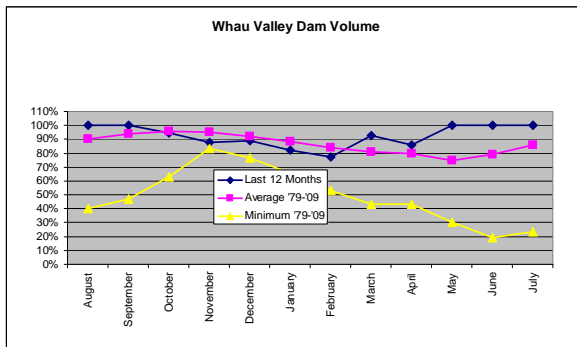
Roading Comment

Slip repairs, water tabling, vegetation clearing and the continuation of remedial works associated with June and July's weather events has kept maintenance staff busy. Additionally customer requests for service remains high and staff are striving to achieve the level of service demanded, overall a very pleasing feed back response this month.

Production

Rainfall and Water Sources

During July 179mm of rain fell at Whau Valley, (the average rainfall for July at Whau Valley over the last 38 years is 197mm). The Whau Valley Dam is 100% full (as at 1 August 2009). This is above average for the time of year (86%). Wilson Dam level is 99% full.



Laboratory Water Quality Tests Results performed during July 2009.

Description	Number of Tests	Failures	Results	Goal	Retest
E. Coli leaving WTP	10	0	100%	100%	N/A
E. Coli within distribution	33	0	95%%	100%	N/A
Free Available Chlorine within distribution (above 0.2mg/l)	66	0	100%	95%	N/A

Project Work

Investigation work at the Maunu Springs Tunnel is underway to determine the source of elevated turbidity water entering the structure. It is expected that the concrete apron on the southern side will need to be extended, with an improved drain pipe installed.

Work is continuing on the proposal to upgrade the radio network for both the Water and Waste divisions with final inspections of existing sites underway. Further discussions with suppliers and designers are being undertaken to optimise the system and minimise cost. Fairway Drive Reservoir investigation continues. A camera was sent down the outlet line and identified a crack in the pipe approximately 6m from the Reservoir. Unfortunately it will not be possible to access the pipe and repair manually from the inside. As the pipeline is approximately 8m deep at the point it is leaking, excavating to repair will be difficult. Options for repair have been narrowed down to either excavation or slip lining. Prices are being obtained before a final decision is made.

Old Fairway Drive Reservoir has had new baffles installed to ensure an improved water distribution within the reservoir. This installation requires modification by installing additional retaining wires to the baffle base to prevent movement created by inflow water.

Operations Report

Whau Valley WTP

The caustic delivery line from the bulk tank into the dosing pumps froze. Pipeline was temporarily thawed to facilitate fluent operation, followed by the installation of a Heat Trace to this stainless steel line. The pre caustic delivery line was replaced with a new alkathene pipe as it had frozen as well. This line requires replacement with a stainless steel product which must be heat traced to prevent a reoccurrence.

Installed and commissioned an essential operations generator which is now working well. The scope of emergency supply was extended to cater for more applications including emergency lighting within the WTP.

Plant operations were shut down to drain the clarifier under channels and to repair the inspection plate by drilling new holes and remounting with larger dyno bolts and new seal on back of plate.

Installed individual overload switches to all eight filter turbidity meter sample pumps to prevent pump failure shutting down the whole filter. In the event of increased turbidity beyond conformance levels the filter will shut down to program requirements.

Whau Valley Dam

The road to the Whau Valley dam is to be partially repaired to reduce the number of potholes

Tikipunga pump

The Tikipunga pump has now been fitted with a new motor due to failure of the old motor and is now ready to commission when the reservoir is refilled.

Punga Grove Pumps

The #1 pump VSD drive failed and was replaced with a new unit.

McLeod's Bay Pumps

CP-11 control card failed, resulting in pump failure. Replaced card.

Parua Bay Reservoir

Replaced inlet flow valve actuator due to unit failure.

Maungakaramea

Replaced UV NRV to transmitter as was losing its water on shutdown function.
Modified the pH sampling instrumentation to prevent interference with the chlorine dosage.
Replaced the chlorine gas detector control card with a new unit due to failure.

Poroti

The chlorine Depolox control card failed, spare unit removed from ex supply at Hikurangi.

Filter 2A Turbidity meter head failed due to a faulty lens, replaced with spare unit. The Poroti filter auto washing sequence is to be redesigned which will prevent turbidity escalation, post a washing sequence and thereby shutting down the plant operation.

Ahuroa

Blown relay fuse on the sludge stirrer caused the auto-desludge control to fail, remedied.
Have installed sludge overflow alarm probes to the centrifuge to control unit if a blockage occurs.

Waipu Reservoir

The road up to this site has become impassable due to the mud and scouring of the road access, being addressed early August.

Shoemaker Road Pumps

CP-11 control card failed and was replaced.

Ruakaka WTP / MIEX

Stage two upgrade still has snags to be completed, before final handover. A detailed list of site work required has been issued identifying all work required prior to practical completion.

The MIEX process has undergone limited process trials and demonstrated a good quality result at post WTP process stage at very low flows (70m³/h).

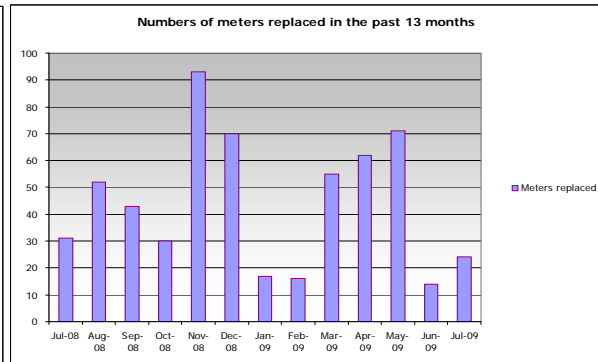
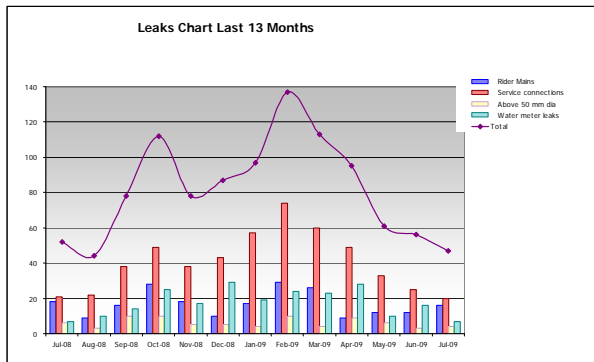
The communication and control requirements between the WTP and MIEX process requires considerable input to support the alarm structure proposed by Orica Chemnet. This alarm status is currently being investigated to possibly reduce the number of alarms and to ensure a corresponding reduction in SCADA programming upgrade costs.

Sludge overflow alarm probes have been installed to turn off the centrifuge unit if a blockage occurs.

Distribution

General

The maintenance contractor achieved their performance bonus target for July meeting all response times. A total of 32 service connection leaks were repaired together with 20 main and rider main leaks. 24 meters were replaced in July after being reported faulty by the meter reader. The number of leaks per category of pipe and the numbers of meters replaced under the maintenance contract during the last year is shown below:



The 12 new connections were applied for and granted. The backflow preventer testing contract has been let and work is due to start in mid September.

Replacement Programme

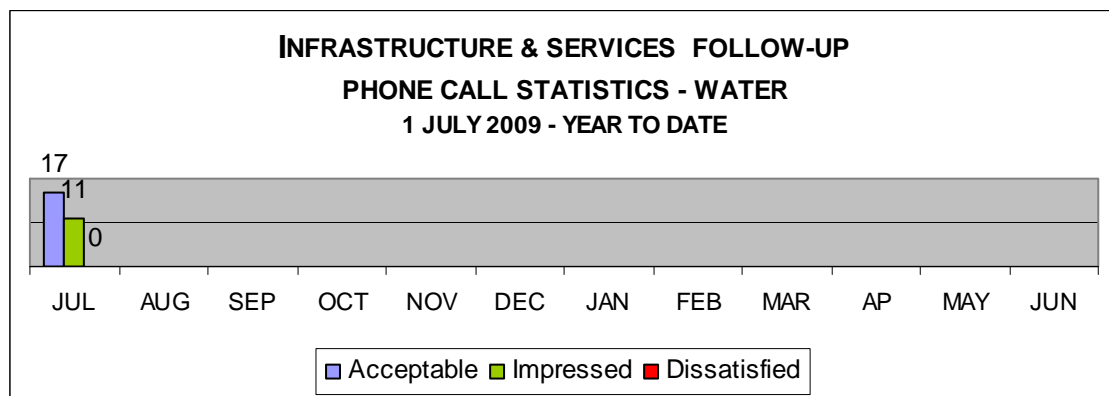
The rider main replacement programme being developed for the year with work expected to start in September. The main replacement programme is also being reviewed to align with roading projects. A meter replacement contract will not be undertaken this year.

Reservoir Inspections and Repairs

The contract for the repairs to the Sergeants Hill Reservoir has been advertised and closes mid August.

Total Service Requests

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007-2008	196	243	241	270	246	245	270	279	276	256	203	165
2008-2009	180	139	264	271	197	235	289	351	375	185	193	191
2009-YTD	173											



Water Comment

Water Services received an overall satisfaction rating of 100% from callbacks during July. Our impressed rating was 39%.

Major Projects – Curt Martin

Project Management Manual

The Leadership Team has approved the Project Management Framework and all new projects are to be managed in accordance with this framework. Training has been provided with two extra training sessions scheduled for August and September.

SCADA Telemetry System Upgrade

On site testing has been undertaken to confirm the locations of the Stage I repeaters for the upgraded radio communications networks for both the Water and Wastewater telemetry networks. Structural checks are required for the proposed aerials on the Parahaki mast prior to the application for the site specific radio licences for the repeaters.

Civil Defence Emergency Management

Influenza A - H1N1 Outbreak (Swine Flu) Update

The Ministry of Health have reported a decline in the number of new H1N1 influenza cases being presented at hospital and it appears that we may have reached the peak for this wave of the virus. A second wave is still possible and the Ministry of Health are advising people to be vigilant and to continue to practice good hand washing and cough etiquette (see below).

Stopping the spread of influenza virus'

The Ministry of Health recommends the following to limit the spread of any influenza virus:

- Washing and drying your hands properly is one of the best ways of protecting yourself against the spread of germs. Wash hands for at least 20 seconds with soap or an alcohol-based rub. Drying hands well is important too.
- Wash and dry hands:
 - before preparing food and eating
 - after coughing or sneezing, blowing noses, wiping children's noses, visiting the toilet or looking after sick people.
- Keep your coughs and sneezes covered. Put tissues straight into a covered, lined rubbish bin or a plastic bag.
- Try to stay a metre away from sick people to reduce the spread of germs.
- Keep the surfaces clean at work and at home.
- Stay at home if you think that you have influenza.
- Avoid touching your eyes, nose and mouth as these are areas where the virus can enter your body.
- If you need to see a doctor, call first and advise them of your condition so as to avoid contaminating a waiting room full of people.

Rural Fire

Met Service Seasonal Outlook covering August and September 2009

Windy July

During July there were several incidents of wind damage, associated with lows that brought more than normal rain to northern and southern parts. Two wind incidents led to fatalities: a tree fell on a caravan near Whangarei on 11 July killing the occupant, and gusty winds blew a youth off the back of a Ute in Wairarapa on 20 July. A tornado damaged several houses in Kaitia in early July, and tornadoes were reported in Opunake and near Cromwell on 21 July. Although central parts of country had a generally dry July, wind-assisted rain with a passing front on 23 July led to several slips which derailed a train near Upper Hutt and briefly closed both main highways out of the Capital.

Sea Surface Temperatures.

El Nino conditions are now in place in the tropical Pacific Ocean.

This means that the sea temperature – both surface and sub-surface along most of the equatorial parts of the Pacific Ocean are 0.5 to 1.5C above average. Areas where the sea is warmer than normal are also areas of increased humidity and rainfall, and when this happens along the Equatorial Pacific it lasts for many months and gradually impacts on the wider weather patterns drawing everything equator-wards. For New Zealand this usually means that the disturbed westerly flow of the roaring forties is displaced northwards.

This oceanic warming trend started in May and seems to have paused in July. However, computer models are indicating that this El Nino episode should reach its peak between November 2009 and January 2010, but there is a fair amount of variability in the anticipated intensity.

The sea surface temperature pattern around New Zealand also plays a factor in determining our seasonal weather. The Tasman Sea contains a few warm spots and these have the potential for feeding extra humidity to any low-pressure systems that form there. The temperatures of the seas around New Zealand are returning to near normal after a period of being cooler than normal. There is also some cooler than normal sea lurking to the south of New Zealand and between South Island and Chathams.

The Southern Oscillation Index.

Atmospheric weather patterns have recently been bucking the El Nino trend that has been set by the ocean.

The Southern Oscillation Index (SOI), looking retrospectively at what weather patterns have been doing between Tahiti and Darwin over the past month, has been drifting the other way and ended July slightly above zero. This shows that the atmosphere is currently not following the lead given by the oceans. This is probably a temporary situation and we are likely to see a drop in the SOI during spring. There have been a few El Nino-like weather events, such as the strong disturbed westerly flow over New Zealand during the third week of July, and such patterns are expected to become more prevalent during spring.

When it comes to seasonal outlooks it is enticing to try and compare the coming season with a close analogy from the recent past. Do NOT be guided by what happened at the end of last winter as in 2008 there was a fading La Nina and it produced large lows and plenty of weather damage. The last time we had any sign of El Nino in spring was back in 2006, so use your records from then as a starting point.

An early spring

Back in May we saw a sharp early dive into wintry temperatures with a whopping two degree negative national anomaly fed by southerly winds around anticyclones that lingered near Tasmania. Since then this negative anomaly has slowly faded and at the end of July was down to half a degree.

Weather patterns in August and September are expected to be typical of an early spring, with temperatures and rainfall likely to be near normal in all regions. As this is a period of transition into El Nino-like weather patterns, there should be enhanced westerly winds at times.

Settled periods, such as from 10 to 13 August, with clear sunny days and frosty or foggy mornings, associated with passing anticyclones, are expected to become fewer. Fronts and troughs rolling in from the Tasman Sea, as on 15 to 17 August may be followed by episodes of cool southwest winds across the whole country lasting several days. Rainfall is likely to be equally distributed in August but these south westerlies should slowly divide New Zealand into two by September: windy showery conditions for western districts, and dry and mild conditions in the east. Occasionally a low pressure centre may move onto the country from the north, as may happen around 14-15 August and 18 to 20 August, preceded by an easterly flow with some heavy rain for north eastern areas.

Mountain snow is expected to continue to accumulate until late August/early September and then should start to melt. The early snows a few months ago, followed by a frosty period mid-winter, have led to unstable snow packs in the outback making avalanches more likely than normal, especially after the passage of a windy cold front.

Mixed in with this pattern there may be a few polar outbreaks, caused by a low deepening over Chatham Islands, bringing some brief periods of chilling southerly winds.

How to fine-tune these ideas to your place.

These forecasts are based on the best information available at issue time and are meant for general guidance. No guarantees are offered, but a level of forecast confidence is expressed. The scale of a seasonal outlook is different in time and space from that of day-to-day forecasts. Our regional outlooks describe conditions averaged over the next two months, and do not represent any particular day. Regions are grouped together according to how they are expected to vary from the norm, even though the weather may well differ across a group. So apply the variations we mention here to your own norms of temperature and rainfall (which vary from place to place and from season to season).

Here is the seasonal forecast for August and September.

A new issue will be available on 10 September.

Northland: Auckland: Coromandel:

RAIN: continuing about normal.

WIND: increasing number of southwesterlies.

TEMPERATURE: returning to normal after a cold winter.

SUNSHINE: near normal.

SPECIALS: lows from the north, bringing brief bursts of heavy rain.

CONFIDENCE: moderate.

The weather pattern should swing from settled periods lasting a few days to a week, as is expected from 10 to 15 August, to unsettled periods with cold fronts bringing showery periods and strong southwest winds, as from 16 to 17 August. Be on watch for any low-pressure system that moves in from the north or northwest, as may happen on 15 August and from 18 to 20 August, for this may bring a period of heavy rain and strong wind.

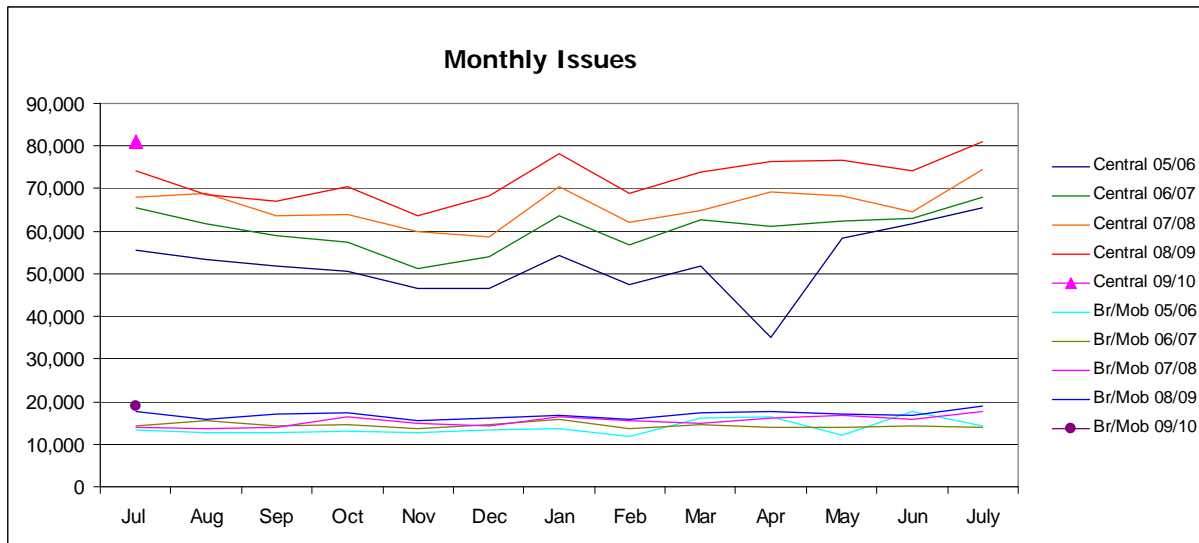
Compiled by MetService Seasonal Team:

Consultant Meteorologist: Ross Marsden,

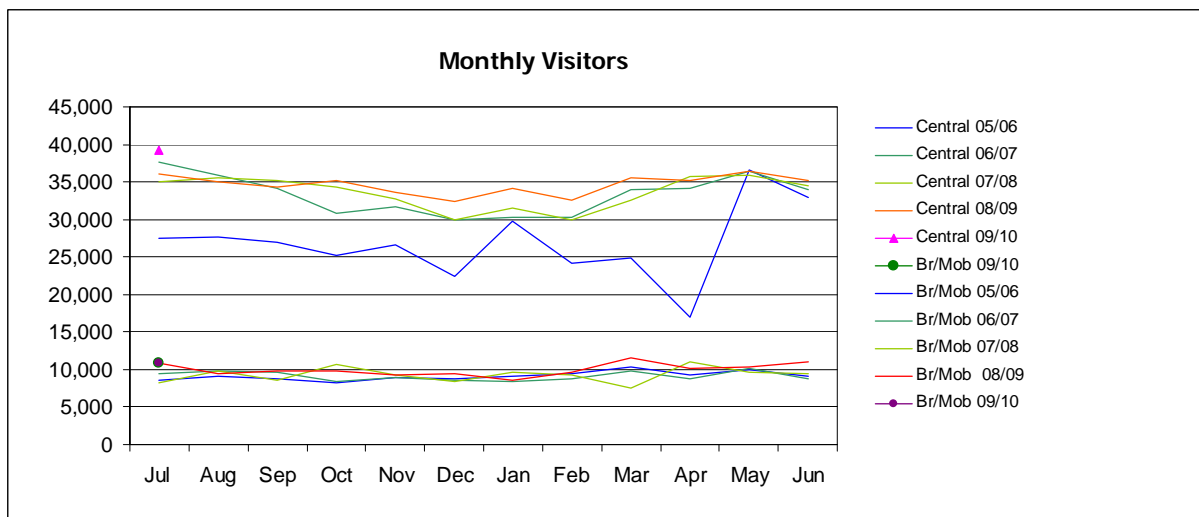
And Weather Ambassador: bob dot mcdavitt at met-service dot com.

Central, Mobile and Branch Library Performance

Whangarei Libraries have hit the 100,000 mark with 100,106 items issued in July. This is an increase of 8% compared to July 2008 and the highest number since statistics were first recorded in 1997. Central increased by 8% (81,106 items), Kamo 2% (8,043), the Mobile by 18% (4,424 items) and Onerahi 5% (6,533 items). Over the past 12 years items issued have increased by 63% and it has taken this amount of time to reach the current figure of 2.49 items per capita while the national recommendation is 3.00.

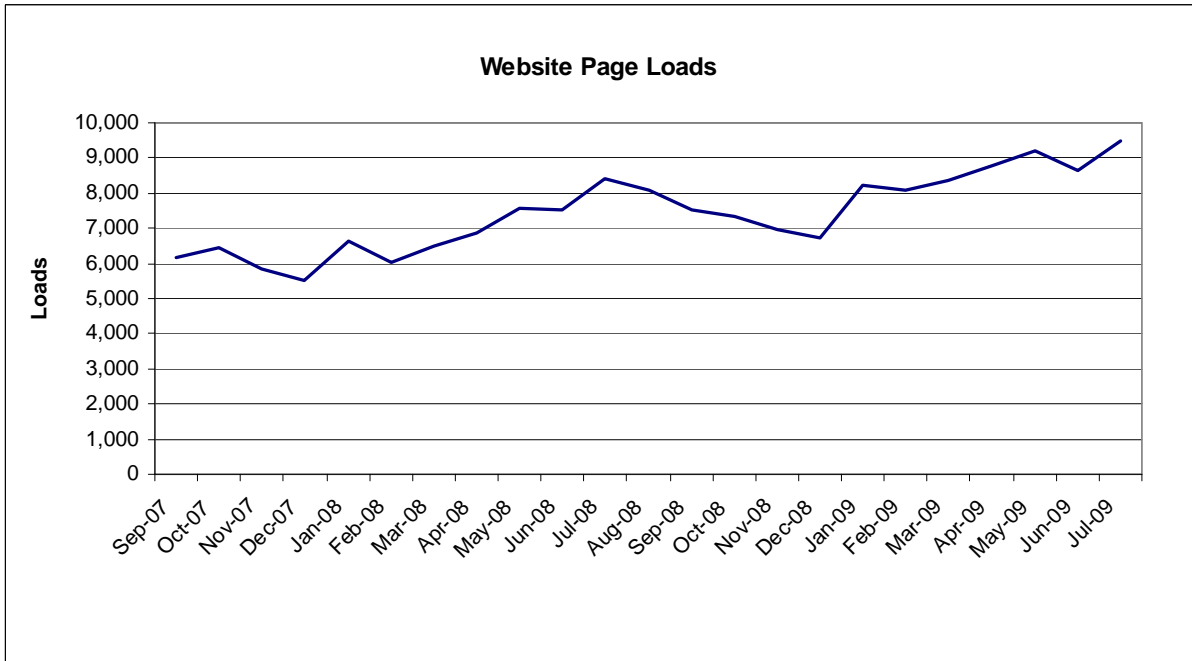


The visitor count across all libraries in July 2009 was 50,153 which is a 3% increase on July 2008. This averages out to over 5,000 visitors to Central alone.



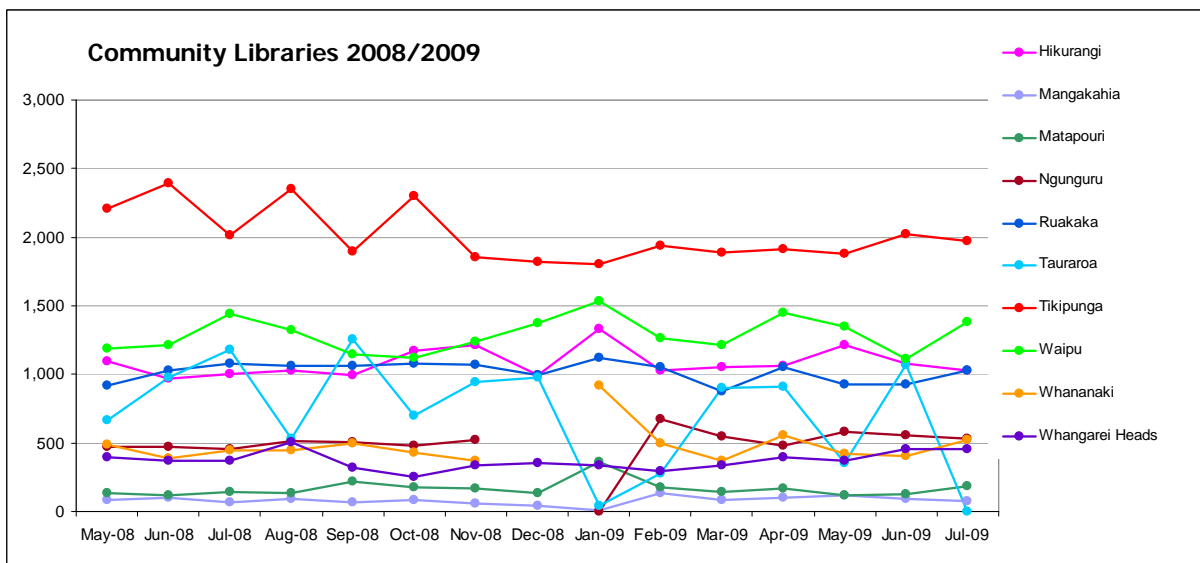
Website Statistics

Website hits also increased to an all time high of 9,482 which is up 12% on July 2008. The new website is well underway and will be closely linked with the new Council website.



Community Libraries Performance

The highlight of the year has been the approval to convert Tikipunga Community Library to a branch library. Library staff are very appreciative of the support received in this initiative which will make a significant contribution to the development of library services in the community. In subsequent monthly reports Tikipunga statistics will be included in the branch library figures.



Open Spaces

The annual Communitrak survey has been completed for the year ended June 2009 with Parks and Recreation particular winners with satisfaction levels at **98%**.

Contractor performance results are a correspondingly high average of **91%** and credit is due to both staff and Contractors.

Parks and Recreation have had an awesome year; have improved business practise, policies, processes and relationships. Council's three key strategic objectives are highlighted below with the summary of 2009 achievements below.

Thanks to all of you involved, volunteers, businesses, individuals Councillors and staff.

Enabling sustainable economic growth:

- Projects were all completed on time and within budgets.
- Value was added to the economic leverage of Council through sponsorship, partnership, relationship building and volunteers to the value of approximately \$900,000 for Council in expending a capital programme of just over \$1 million.
- Innovative approaches to reserves management practise enabled economic growth in the disability sector through changes made to the Pohe Island Management plan.
- Support infrastructure for economic growth is part of our business. With the Town Basin play area, Town Basin businesses wrote letters of thanks to this department for the new play area. It has been a boost for them in needy times.
- The tourism sector was consulted on proposed LTCCP development leading to Parihaka and Whangarei Falls plans to increase visitor experience and the likelihood of increased visitor nights, a critical hurdle for the industry locally.
- Local tourism operators now tour Parks and Recreation projects through the Wave and Waka, the Pou at the Library and the Hatea Walkway bringing economic growth to Maori.

Service Delivery:

- Contractor audits were doubled during the year and results across the board measure in excess of 90% against performance measures.
- Health and safety results measured 100% across all contractors for the year.
- Communitrak results are near the highest possible achievable (98%) and elevate the overall impression of Council's effectiveness amongst ratepayers.
- Customer focus is clearly evident in the approach taken for reserve development in all areas, particularly Ruakaka beach and Town Basin play areas.
- Parks and Recreation have led projects which were outside of the management area, kept customers informed and became the single point of contact at Council on issues outside of the direct work area.
- Innovative solutions to service delivery efficiencies were devised to ensure a positive effect on Council's reputation.
- Parks and Recreation team members across the board have initiated and lead projects involving almost every other department in Council, truly working together.
- Parks "isthegameon" website was created to deliver field information more appropriately to today's modern users.

Partnerships:

- Parks and Recreation now have far clearer and stronger relationships with key stakeholders through ongoing relationship building across all levels of the department.
- Draft agreement with Sport Northland to alliance for future planning and growth to achieve Councils Community outcomes, without overburdening the ratepayer, bring added value to Council.
- Internal partnering is exceptional, the team has worked proactively. Some key projects include Glebe, Cemetery water reticulation, Marsden Bay stormwater issues, Reinstatement works issues, Smeaton Drive and Whangarei International BMX.
- A willingness to partner is displayed by all staff. Projects such as the Kioreroa Cemetery memorial have brought community on board through design competitions and "Friends of Kioreroa" initiatives; Town Basin Playground involved local councillors on design and consultation at the earliest stages; the results a play area people come to visit.
- Partnering with community has contributed increased financial and social capital to Council, for example at Taurikura, where locals and developers were confused at a proposal to turn a tennis court into a carpark; Parks and Recreation added value to provide a carpark AND tennis court, additionally the tennis courts have been improved by the local club, boosting the club's profile. Clearly a win/win attitude achieved these outcomes.
- Department of Conservation have been partnered with in many aspects of shared management. We have agreed on various cost savings initiatives to reduce double handling and expense to ratepayers. We have requested a partnership approach to similar issues on the Conservation Management Strategy. We have shared resources on the Kissing Point land development proposal, the Parihaka and Pukenui management plans, Pukenui Forest goat control and Bream Head feral control. Strong relationships also helped forge a way forward for the Vehicles on Beaches Bylaw.
- Local ward Councillors input and involvement has been valuable: Cr Glen with BMX, Crs Deeming and Mai on the Town Basin play area and other play areas, Cr Syers on Taurikura car park, boatsheds issues and general Whangarei Heads business and Councillor Morgan on Rose Gardens and Sculpture Trail. HWM Semenoff on the Aquatic Centre disabled access and Kioreroa Cemetery. The support of Councillors in such local projects is great.

City Parks

City parks and reserves continue to look good with winter bedding showing colour and the bulb bed in bloom. However, a number of sites have been identified as not being "completely" maintained when referring to shrub and perennial bed maintenance. These issues relate to deadheading, pruning and debris removal.

After a month of stormy weather we have actually managed to come through with only minor damage and debris on a number of sites. Tree debris and foreshore debris would have contributed to most of the clean up works. One area of concern that will need continual monitoring is foreshore erosion and the undermining of a number of coastal embankments.

Another month of increases in the amount of turf damages everywhere. The wetter turf areas seem to attract "hoons" for doing wheelies, or in some cases contractors are simply just trying their luck with driving their vehicles as close as possible to the work sites, which are:

- Elliot Reserve
- Boswell St
- Laurie Hall Park – tenants from flats
- Port Rd Railway bridge – contractor
- Tarewa Park – contractor
- Nixon St – Carters truck delivering timber
- Rewa Rewa Rd – contractor
- Hihiaua Reserve
- Kissing Point

- Western Hills Dr – contractors
- Lower Dent St

There are also a number of sites that remain poorly reinstated or damaged by other contractors working within the maintained areas of road reserve or who maintain council assets located within reserves. A full list of these sites is available on request.

A number of garden upgrades have been completed those being the Laurie Hall reserve plantings, the Airport Garden upgrade and the Forum North garden revamp.

The City Parks maintenance contractor achieved a performance rating of 91% against a target of 90% and a health and safety rating of 100%.

District Reserves

North

Reserves in the Northern part of the district are looking really good, for the time of year, although some frost die-back is evident in exposed grass areas. Our contractors have done well to clear much of the debris that fell onto mown areas, although there are still some areas of sand and shingle to be picked up near beaches, particularly off Whangarei Heads Road. The east coast beaches took quite a battering, losing up to 1.5m of sand. The restored dunes at Matapouri worked well by resisting the storm and the native plants we introduced should allow the dunes to rebuild again over the coming months. Areas on that coast with rock walls or timber structures suffered just as much erosion, with the fill in behind the walls being removed.

There seems to have been less vandalism this month. A meeting with the community at Lake Waro identified that the gates may not be locked as regularly as we would like, which may have led to some of the problems there. This is being addressed.

Audits carried out to assess the performance of our contractors have recorded results well over 90%. This supports the overall impression our reserves give and the very positive feedback received from the communities on how we manage our sites.

South

Slower growth with some frost damage has resulted in all sites being in tidy condition. There is the odd area which is too wet to mow, but generally all sites are in good condition. Storm damage resulted in debris washing up onto the Princes Road reserve, and this has been removed. Other damage was some coastal erosion at Mair Road near Marsden Point. Some additional bollards will be required to warn motorists not to venture too close to the edge.

Fifteen new, large grade trees were planted at the Tiki Place reserve as a start to developing some specimen trees on this new reserve. Unfortunately five Pohutukawa trees planted have been vandalised and are unlikely to survive. These will not be replaced at this stage.

Some further protective fencing was completed at Ruakaka Beach Reserve, which will help to limit vehicle access onto the sand dune areas.

Audit results for July averaged 93% against a target of 90%.

Trees

The storm gave our contractors a couple of busy weeks, with 'sound' trees being blown over by the sheer force of wind. Some damage was caused, not least by a tree that blew onto a house off Hatea Drive. To avoid damage and for safety, a crane was used to lift the tree clear of the house, where it was cut up and removed. In another incident, a large pine at Anzac Park was uprooted and fell through power lines before a limb punctured a water pipe 900mm below ground. This unbelievable

double mishap posed a lethal combination to be professionally sorted. A huge number of CRM's were generated following the storm and these have been resolved now.

The heritage oak trees on Boswell Street have been carefully pruned as part of the routine street tree maintenance in Kamo. This careful surgery has the trees back to excellent health in time for spring growth.

Public Recreation Facilities

Sportsparks

Rain during July totalled 185mm which fell on ten rain days. The highest rainfall on the weekend of the storm saw fields closed for two days, and there have been some week day closures to avoid damage and ensure fields are open for competition play. The new website "isthegameon" is proving popular and is a good way for team managers and coaches, as well as parents and players themselves, to find out about field closures.

Most fields are holding up quite well so far this winter. The main soccer field at Kamo is not performing well; however, staff are looking at solutions to fix a wet area in this field which doesn't seem to respond to normal treatments. Weed spraying is currently underway for broadleaf weeds. Frosts this year have knocked kikuyu grass growth, and that is the yellow colour on many of the sportsfields evident at the moment. While this doesn't look good, the grass will recover when warmer conditions prevail.

Two large gum and macrocarpa trees fell over on the land council purchased for a sportspark at Springs Flat. There are a small number of these very old trees still standing and concerns over damage which they may do to neighbouring properties if they fell is likely to dictate their removal. We would want these trees out of the way before development of the sportsfields due to the heavy shading they would cast on the proposed fields.

Audit results for the month averaged 95% against a target of 90%. Health and safety audits were 100% compliant.

Playgrounds and Skateparks

A relatively quiet month for playgrounds, given the weather conditions, however, when the sun did shine the Town Basin playground was very popular as was the Laurie Hall playground.

Storm damage caused a problem at Marsden Bay with a tide surge washing out all of the cushion fall material. Storm water run-off at Norfolk St (Reotahi) had a similar outcome and the newly aligned road at Langs Beach caused storm water to run onto the playground area and wash away the sand under surface.

Playgrounds maintenance contractors removed 43 square meters of graffiti from playgrounds this month at a cost of \$645+GST to the ratepayer.

Otangarei shops playground area continues to be misused on a regular basis. Maintenance staff reports the following: "Make safe repairs continue. Playground is in an abused state. Rubbish is unbelievable at this site. We spend considerable time raking out the gardens and the paved courtyard in an effort to tidy the place up, but the following week new rubbish has taken its place. The place is filthy". Parks and Coastal Structures Storm damage caused to Stuart Road pontoon, with the gangway being washed away. This has since been recovered and is undergoing repairs. There was some minor damage to the seawall at Riverside but there was considerable erosion caused at the Onerahi Beach Road reserve.

The Parua Bay public jetty and pontoon took a hit with its gangway being dislodged and the pontoon sustained minor damage. This was also the case for the Onerahi pontoon.

The Pyle Road West seawall also sustained damage. All the aforementioned damaged structures are undergoing repairs or are being priced.

Walkways

The storms this month brought about high winds and heavy rainfall. The tracks stood up well to the rainfall with little surface washout. This was due to the good maintenance of the drainage channels and culverts and the use of better bonding surface materials in the known trouble spots. The strong winds did bring down quite a few trees and a lot of debris. This took quite a lot of moving and resulted in a cost of \$3,000 to clear.

We had an unusual request from the police to close all the walkways on Mt Parihaka, due to an incident. This was quickly achieved using 'danger tape' but after half a day, we were given the all clear to open the tracks again.

New signs have been erected at the entrance to Tutukaka Estate Bush Walk, advising visitors of places to park and the access route. This was at the request of nearby residents

Managed Facilities

Cemetery

A resolution to the issue of the cremator replacement is still unresolved.

Although there have been continuing issues with wet weather over the last month slower grass growth has ensured that the cemetery grounds remain manageable. Improvement works have been completed at Maunu including re-mulching and tree trimming. The main hedge at the Kamo cemetery has been trimmed and although looking a little bare at present we expect to see fresh new growth in early spring.

The Department of Corrections have continued with some great work, completing the tidy up and re-mulching of the perimeter at the Onerahi cemetery.

Our contractors have continued with pest control at both the Kamo and Maunu cemetery including shooting rabbits.

Auditing of the Onerahi cemetery records has continued and we hope to have clean data and a clear picture of capacity by the end of September.

Month/Year	Burials	Cremations	Funerals Total	Full Service	Committal Service	Chapel Total
July 2009	16	44	60	10	9	19
July 2008	15	48	63	13	10	23

Botanica Whangarei

We have a fantastic new sign at the conservatory and it's already attracting attention.



Rick Rose and Jill with the new sign at the Conservatory

There have been a number of school party visits during July and we hope to key in some promotional material to the school curriculum in early spring.

Our next display 'Architectural Plants' should be something a bit different and we hope to continue to enjoy good visitor numbers.

973 people visited Botanica during July.

Planning

Resource Consents

A total of eleven resource consent applications were considered by the Infrastructure and Services planning team in July.

Management/Policy Planning

A further Councillor workshop on the William Fraser Memorial Park on Pohe Island Management Plan was held on 22 July. Following this amendments were made to the plan and it is anticipated that the draft will be forwarded to Council for consideration at its August meeting.

Work on the stage 1 Infrastructure and Services 30/50 report continued in July. The Infrastructure and Services planning team now only require input from the Roading Department in order to finalise the stage 1 report.

Parks Asset Management

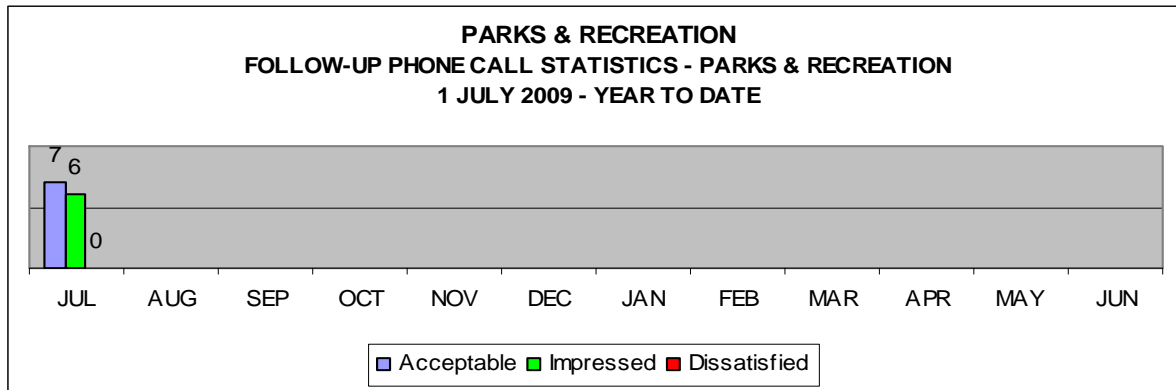
Welcome to Leicester Drake! He joins the team as the asset coordinator and brings an enthusiastic and willing approach to parks and recreation asset management.

Parks & Recreation Service Requests Statistics

Total Service Requests

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
2007-2008	261	258	214	205	160	157	212	173	193	199	151	205
2008-2009	149	120	124	142	124	153	214	117	147	124	130	129
2009-YTD	132											

Service Requests – July 2009: Parks 81; Graffiti 51; Total 132



Follow up calls: 7 Acceptable; 6 Impressed; 0 Dissatisfied

Parks & Recreation Comments

The Parks and Recreation team continue to excel in the area of customer service. Year on year CRM calls are down and satisfaction is up. Very good work for a team faced with the introduction of Tech One and its new way of dealing with customer requests. Excellent customer information has led to reduced calls regarding day to day issues. Further work can be done in this area through the introduction of management plans.

Attachments:

1. [Progress on Waste & Drainage Projects - July](#)
2. [Progress on Rooding Projects - July 2009](#)
3. [Progress on Water Projects- July 2009](#)
4. [Progress on CDEM Projects - July 2009](#)