

## PT Toba Pulp Lestari's Fire Monitoring And Management

PT Toba Pulp Lestari (TPL) has procedures and conducts fire drills and daily monitoring of hot spots and in all operational locations (including suppliers) by using AQUA, NOAA, TERRA, SNPP satellites which accessed from Lembaga Penerbangan dan Antariksa Nasional (LAPAN) and Karhutla Monitoring System of Sipongi. Monitoring results are reported regularly every month to the Ministry of Environment and Forestry of the Republic of Indonesia. TPL also implements fire prevention programs through activities such as:

- Developing No Burning Policy
- Fire Risk Assessment (FRA)
- Weather forecasts
- Provision of facilities and infrastructure for fire fighting
- Building water reservoirs
- Providing training and socialization to employee, supplier, and community of implementing forest and land fire control
- Conducting fire fighting drills
- Developing procedures and organization for fire control
- Certification external training Brigdalkarhutla for 40 (fourty) persons by BDLHK Pematang Siantar
- Monitoring of fire via Fire Monitoring Tower and fire patrol
- Based on monitoring data in 2022 there were 24 (twenty four) Hot Spots identified and 5 (five) land fire incidents occurred.

## Hotspots Monitoring Data (1)

No	Date	Koordinat		Location (Compt, Village, Kec. & Kab.)	Field Groundcheck			
		Latitude	Longitudinal		Check Result/Fire Indication		Burnt Area (Ha)	Description
					Fire	No Fire		
1	25-Mar-22	98,818062	2,210905	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
2	25-Mar-22	98,81828	2,21107	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
3	25-Mar-22	98,89848	2,1172	Sektor Aek Raja Desa Aek Raja, Kecamatan Parmonangan, Kabupaten Tapanuli Utara	√		0,1	The fire point are in the Conservation Area covered with pine saplings and weeds. The fire occurred as a result of land clearing in community plantation area
4	25-Mar-22	98,898323	2,118411	Sektor Aek Raja Desa Aek Raja, Kecamatan Parmonangan, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
5	25-Mar-22	98,898277	2,117042	Sektor Aek Raja Desa Aek Raja, Kecamatan Parmonangan, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
6	25-Mar-22	98,817787	2,20976	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location

## Hotspots Monitoring Data (2)

No	Date	Latitude	Longitudinal	Location (Compt, Village, Kec. & Kab.)	Check Result/Fire Indication		Burnt Area (Ha)	Description
					Fire	No Fire		
7	25-Mar-22	98,89844	2,11846	Sektor Aek Raja Desa Hutatinggi, Kecamatan Parmonangan, Kabupaten Tapanuli Utara	√		0,1	The fire point are in the Conservation Area covered with pine saplings and weeds. The fire occurred as a result of land clearing in community plantation area
8	26-Mar-22	98,82772	2,21208	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
9	26-Mar-22	98,74541	2,18261	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
10	26-Mar-22	98,81791	2,20981	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara	√		0,1	The fire point are in the Conservation Area covered with pine saplings and weeds. The fire occurred as a result of land clearing in community plantation area
11	26-Mar-22	98,82772	2,21208	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara				
12	26-Mar-22	98,74541	2,18261	Sektor Aek Raja Desa Aek Lung, Kecamatan Dolok Sanggul, Kabupaten Humbahas		√	-	No hotspots found at the hotspot location
13	26-Mar-22	99,14638	2,14477	Sektor Aek Raja Desa Sabungannihuta, Kecamatan Sipahutar , Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location
14	26-Mar-22	99,14638	2,14477	Sektor Aek Raja Desa Sabungannihuta, Kecamatan Sipahutar , Kabupaten Tapanuli Utara		√	-	No hotspots found at the hotspot location

## Hotspots Monitoring Data (3)

No	Date	Latitude	Longitudinal	Location (Compt, Village, Kec. & Kab.)	Check Result/Fire Indication		Burnt Area (Ha)	Description
					Fire	No Fire		
15	27-Mar-22	99,435188	1,395241	Sektor Aek Raja Desa Janji Manahan, Kecamatan Batang Onang , Kabupaten Padang Lawas Utara		√	-	No hotspots found at the hotspot location
16	27-Mar-22	99,472	1,447	Sektor Aek Raja Desa Aek Bargot, Kecamatan Padang Bolak Julu , Kabupaten Padang Lawas Utara		√	-	No hotspots found at the hotspot location
17	28-Mar-22	98,802261	2,217422	Sektor Aek Raja Desa Lumban Purba, Kecamatan Dolok Sanggul, Humbahas		√	-	No hotspots found at the hotspot location
18	28-Mar-22	98,807053	2,218175	Sektor Aek Raja Desa Lumban Purba, Kecamatan Dolok Sanggul, Humbahas		√	-	No hotspots found at the hotspot location
19	28-Mar-22	99,313385	1,494232	Padangsidempuan Desa Pargarutan Tonga, Kecamatan Angkola Timur , Kabupaten Tapanuli Selatan		√	-	No hotspots found at the hotspot location
20	28-Mar-22	99,537727	1,433448	Sektor Padangsidempuan Desa Siunggam Tonga, Kecamatan Padang Bolak Tenggara , Kabupaten Padang Lawas Utara		√	-	No hotspots found at the hotspot location
21	28-Mar-22	99,536423	1,435011	Sektor Padangsidempuan Desa Tangga Hambeng, Kecamatan Padang Bola Tenggara , Kabupaten Padang Lawas Utara		√	-	No hotspots found at the hotspot location

## Hotspots Monitoring Data (4)

No	Date	Koordinat		Location (Compt, Village, Kec. & Kab.)	Field Groundcheck			
		Latitude	Longitudinal		Check Result/Fire Indication		Burnt Area (Ha)	Description
					Fire	No Fire		
22	29-Mar-22	98,766525	2,205918	Sektor Aek Raja Desa Saitnihuta, Kecamatan Dolok Sanggul, Kabupaten Tapanuli Utara	√		0,02	The fire point are in the Conservation Area covered with pine saplings and weeds. The fire occurred as a result of land clearing in community plantation area
23	30-Mar-22	99,49184	1,4358	Sektor Padangsidempuan Desa Padang Baruas, Kecamatan Padang Bolak Julu, Kabupaten Padang Lawas Utara		√	-	No hotspots found at the hotspot location
24	18-Jul-22	98,88805	2,14305	Sektor Aek Raja Compt. D921 Desa Dimarigung, Kecamatan Dolok Sanggul, Kabupaten Humbang Hasundutan	√		0,2	The fire point are in the Conservation Area covered with pine saplings and weeds. The fire occurred as a result of land clearing in community plantation area

## Fire Monitoring Data

No	Date	Location (Compt, Village, Kec. & Kab.)	Burnt Area (Ha)	Description
1	25-Mar-22	Sektor Aek Raja Desa Huta Tinggi, Kecamatan Parmonangan, Kabupaten Tapanuli Utara	0,10	Fire occurred as a result of land clearing in community plantation area
2	25-Mar-22	Sektor Aek Raja Desa Aek Raja, Kecamatan Parmonangan, Kabupaten Tapanuli Utara	0,10	Fire occurred as a result of land clearing in community plantation area
3	29-Mar-22	Sektor Aek Raja Desa Sait Ni Huta, Kecamatan Dolok Sanggul, Kabupaten Humbang Hasundutan	0,02	Fire occurred as a result of land clearing in community plantation area
4	30-Mar-22	Sektor Aek Raja Desa Dolok Saribu, Kecamatan Pagaran, Kabupaten Tapanuli Utara	0,10	Fire occurred as a result of land clearing in community plantation area
5	18-Jul-22	Sektor Aek Raja Desa Simarigung, Kecamatan Dolok Sanggul, Kabupaten Humbang Hasundutan	0,20	Fire occurred as a result of land clearing in community plantation area

## Certification External Training Brigdalkarhutla by BDLHK Pematang Siantar

